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Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the f.o.b. and landed cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics, U.S. Energy Information Administration ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five Energy Information Administration (EIA) survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary Statistics
- Crude Oil Prices
- Prices of Petroleum Products
- Volumes of Petroleum Products
- Prime Supplier Sales Volumes of Petroleum Products for Local Consumption.

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual States for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual States.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or State-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, and the report month for the previous year.

Notes on the tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States

includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.

- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals prior to October 1993.
- References to “Refiners” include gas plant operators (see the Glossary for definition of “Gas plant operators”).
- “Prime supplier” refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category “Retail outlet” refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the Total columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18-27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and Non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from Non-OPEC.

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Highlights

Crude oil

- Monthly average crude oil prices fell in July. The average domestic crude oil first purchase price declined \$3.26 (7.4%), to \$40.70 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil decreased \$2.47 (5.9%) to \$39.51 per barrel. The average landed cost of foreign crude oil fell \$2.59 (5.9%), to \$41.02 per barrel.
- The average refiner acquisition cost for domestic crude oil decreased \$2.70 (5.7%), to \$44.87 per barrel. The average cost of imported crude oil declined \$2.55 (5.8%), to \$41.58 per barrel. The composite refiner acquisition cost for crude oil fell \$2.65 (5.8%), to \$43.31 per barrel.

Petroleum products

Motor gasoline

- Monthly average prices for sales of motor gasoline by refiners declined during July. The average retail price fell 15.7 cents to \$1.804 per gallon, while the average wholesale price decreased 15.4 cents to \$1.489 per gallon.
- Refiner sales of finished motor gasoline rose in July. Total sales increased 400,000 gallons per day (0.1%) to an average of 342.0 million gallons per day. Retail sales fell 400,000 gallons per day (1.5%), while wholesales increased 800,000 gallons per day (0.3%). DTW sales accounted for 7.5% of wholesales, while rack and bulk sales made up 84.6% and 7.9%, respectively.

No. 2 distillate

- Monthly average prices for refiner sales of No. 2 distillates decreased in July. The average price for No. 2 diesel fuel sold to end users dropped 8.5 cents to \$1.576 per gallon, while the average wholesale price fell 10.5 cents to \$1.426 per gallon. The average retail price for No. 2 fuel oil declined 4.7 cents to \$1.814 per gallon, while the average wholesale price dropped 9.9 cents to \$1.305 per gallon.
- Refiner sales of No. 2 ultra-low sulfur diesel fuel were mixed in July. Retail sales rose 100,000 gallons per day (0.8%), while wholesales fell 6.7 million gallons per day (4.9%).

Residual Fuel Oil

- Monthly average prices for residual fuel oil sold by refiners continued to rise during July. The wholesale price for low-sulfur residual fuel oil rose 2.6 cents to 87.6 cents per gallon. Prices for high-sulfur residual fuel oil increased 4.7 cents to 95.8 cents per gallon at retail, while the wholesale price rose 1.1 cents to 83.4 cents per gallon.
- Overall, sales of residual fuel oil by refiners declined in July. Retail sales increased 300,000 gallons per day (7.9%), while wholesales fell 1.0 million gallons per day (11.2%).

Other products

- July monthly average prices for refiner sales of the remaining surveyed products fell from June levels. Propane, kerosene-type jet fuel, and No. 1 distillate prices fell at both retail and wholesale. Prices for aviation gasoline and kerosene also decreased at the wholesale level.
- Trends in refiner sales of products included in this section varied in July. Sales of propane declined at both the retail and wholesale levels, while sales of No. 1 distillate did just the opposite. Kerosene-type jet fuel sales fell at retail but increased at wholesale. Aviation gasoline sales declined at the wholesale, while sales of kerosene rose in the same category.

Table HL1. U.S. refiner prices and volumes of petroleum products

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	July 2016		June 2016		July 2015		July 2016		June 2016		July 2015	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	1.804	26.3	1.961	26.7	2.338	26.3	1.489	315.7	1.643	314.9	2.072	305.1
Conventional	1.697	17.0	1.894	17.0	2.161	17.0	1.451	216.5	1.597	212.9	1.975	208.8
Regular	1.649	14.8	1.854	14.9	2.124	14.9	1.410	190.4	1.558	189.1	1.929	186.1
Midgrade	1.890	0.9	2.041	0.9	2.325	0.9	1.595	2.0	1.738	2.0	2.122	2.2
Premium	2.119	1.3	2.270	1.2	2.504	1.2	1.763	24.2	1.926	21.8	2.382	20.5
Reformulated	1.998	9.4	2.078	9.7	2.660	9.3	1.573	99.2	1.740	102.0	2.283	96.3
Regular	1.904	6.8	1.997	7.0	2.572	6.9	1.517	82.3	1.688	85.0	2.221	80.9
Midgrade	2.152	1.0	2.195	1.0	2.862	0.9	1.681	1.1	1.848	1.1	2.418	1.1
Premium	2.304	1.6	2.351	1.6	2.946	1.5	1.855	15.8	2.011	15.9	2.622	14.2
Aviation gasoline	W	W	W	W	W	W	2.505	0.5	2.591	0.5	3.217	0.6
Kerosene-type jet fuel	1.392	31.1	1.464	32.7	1.694	36.1	1.356	32.0	1.428	30.9	1.655	29.4
Propane (consumer grade)	0.491	4.2	0.514	6.0	0.405	6.3	0.476	24.1	0.497	25.5	0.405	23.2
Kerosene	W	W	W	W	W	W	1.297	0.9	1.445	0.7	1.701	1.3
No. 1 distillate	1.913	0.0	2.041	0.0	W	W	1.753	0.1	1.864	0.1	2.195	0.2
No. 2 distillate	1.577	12.7	1.662	12.6	1.914	12.8	1.421	136.5	1.527	143.4	1.728	154.3
No. 2 fuel oil	1.814	0.0	1.861	0.1	2.207	0.0	1.305	4.9	1.404	4.8	1.654	3.0
No. 2 diesel fuel	1.576	12.7	1.661	12.5	1.913	12.8	1.426	131.6	1.531	138.6	1.729	151.2
Ultra low sulfur	1.574	12.4	1.662	12.3	1.914	12.2	1.429	128.8	1.535	135.5	1.733	148.2
Low sulfur	W	W	W	W	W	W	W	W	W	W	W	W
High sulfur	W	W	W	W	W	W	W	W	W	W	W	W
No. 4 fuel[a]	W	W	W	W	W	W	W	W	1.136	0.1	1.380	0.2
Residential fuel oil	1.043	4.1	0.983	3.8	1.363	3.6	0.835	7.9	0.825	8.9	1.122	8.3
Sulfur content not > 1%	W	W	W	W	W	W	0.876	0.3	0.850	0.6	1.080	1.2
Sulfur content > 1%	0.958	W	0.911	W	1.245	W	0.834	7.6	0.823	8.3	1.130	7.1

NA = Not available.

- = No data reported.

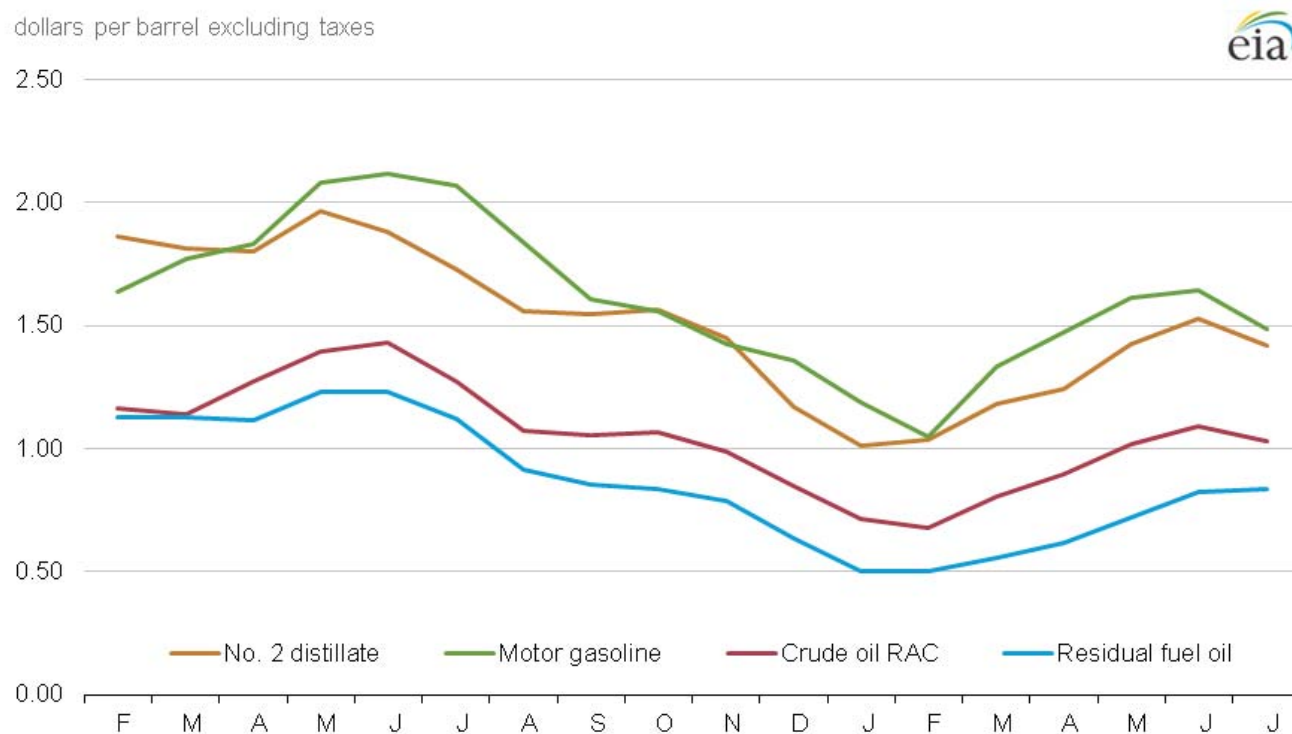
W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2013 are final. Total volumes may not equal the sum of the components due to rounding

Source: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure HL1. Crude oil and petroleum product wholesale prices



Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B. [a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1996 average	18.46	19.32	20.31	20.77	20.64	20.71
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014						
January	89.57	90.93	90.97	97.21	89.71	93.58
February	96.86	92.76	95.38	102.35	96.10	99.36
March	96.17	93.05	95.54	102.61	97.13	100.09
April	96.49	94.15	96.51	102.53	97.33	100.15
May	95.74	96.16	97.99	102.40	98.46	100.61
June	98.68	97.57	99.27	104.21	100.26	102.51
July	96.70	93.79	96.59	103.21	98.75	101.22
August	90.72	89.28	91.53	97.60	93.23	95.61
September	86.87	85.26	87.31	94.62	89.38	92.26
October	78.84	76.73	80.13	86.73	82.75	84.99
November	71.07	67.48	70.94	76.67	74.34	75.66
December	54.86	50.01	54.86	63.26	57.36	60.70
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015						
January	43.06	40.16	44.42	48.90	44.74	47.00
February	44.35	43.94	47.32	50.23	47.18	48.92
March	42.66	43.64	47.25	48.60	47.22	47.99
April	49.30	48.42	52.00	54.86	51.62	53.51
May	54.38	54.05	57.17	59.48	57.51	58.65
June	55.88	53.83	56.73	61.06	58.89	60.12
July	47.70	45.88	49.79	54.15	52.42	53.40
August	39.98	37.17	41.39	46.30	43.23	44.97
September	41.60	36.90	40.02	46.68	41.12	44.38
October	42.34	37.21	40.38	47.02	42.03	44.77
November	38.19	33.56	37.13	43.30	39.05	41.43
December	32.26	28.23	31.56	37.76	33.16	35.63
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016						
January	27.02	23.56	27.34	32.17	27.48	29.99
February	25.51	24.68	26.97	30.30	26.61	28.53
March	31.87	29.73	31.99	35.31	32.21	33.82
April	35.59	32.76	35.42	39.30	35.90	37.71
May	41.02	38.32	R40.73	44.77	40.88	42.88
June	43.96	R41.98	R43.61	R47.57	44.13	R45.96
July	40.70	39.51	41.02	R44.87	R41.58	R43.31
August [c]	NA	NA	NA	E44.09	E41.99	E43.14

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

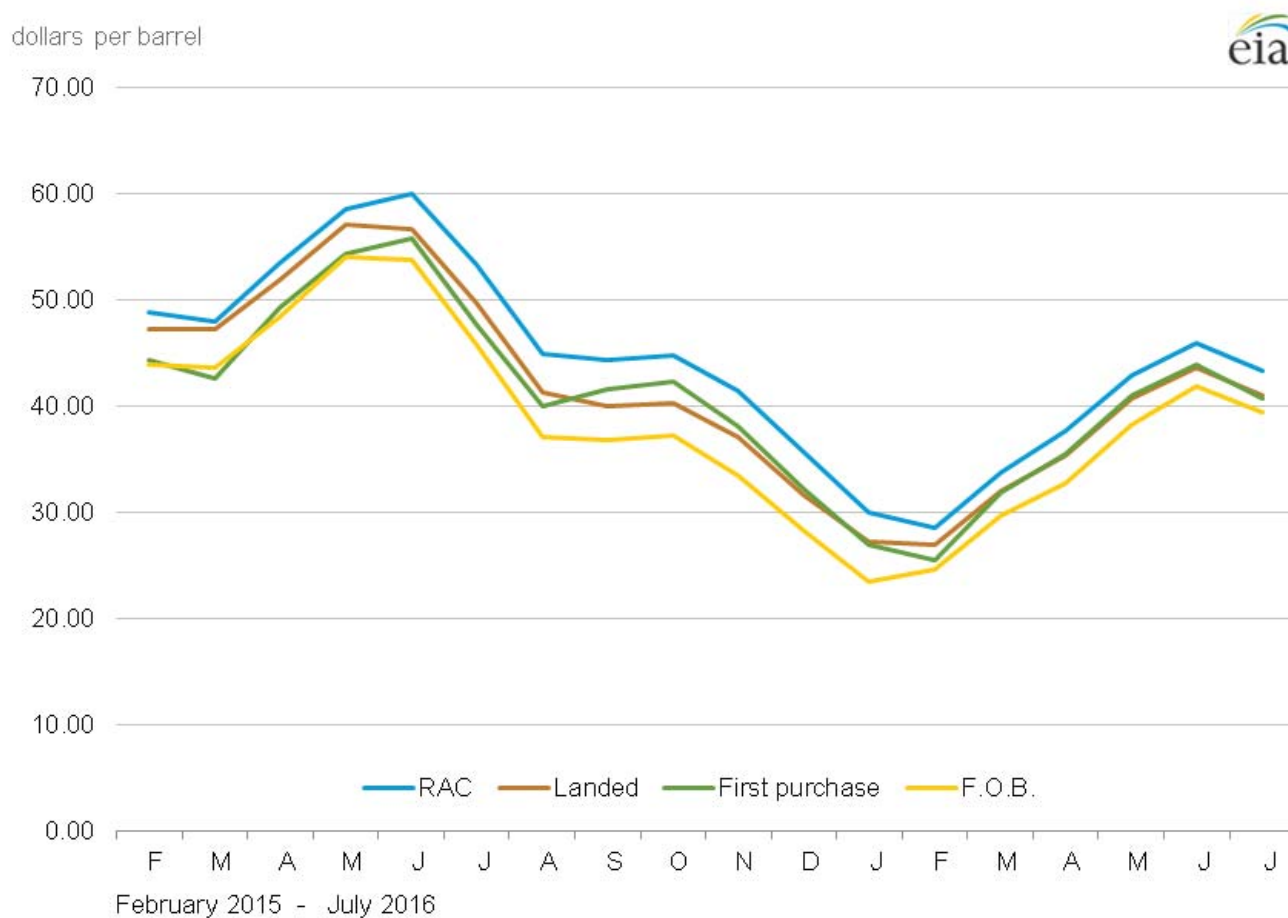
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current 2 months, and for Average F.O.B. and Average Landed Costs, for the current 3 months are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: Domestic first purchase prices -- See "Source" from Table 18. Crude oil imports costs -- See "Sources" from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, "Refiners' Monthly Cost Report."

Figure 1. Crude oil prices



Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."
 Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts
dollars per barrel

Year month	U.S.			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014									
January	97.21	89.71	93.58	100.42	102.14	101.37	94.25	75.58	85.08
February	102.35	96.10	99.36	103.88	103.59	103.70	100.25	86.43	93.41
March	102.61	97.13	100.09	105.77	104.36	104.97	101.08	89.49	95.30
April	102.53	97.33	100.15	105.99	105.62	105.78	100.89	88.05	94.49
May	102.40	98.46	100.61	107.90	105.64	106.55	101.81	90.09	96.17
June	104.21	100.26	102.51	110.16	106.10	107.74	103.68	93.44	98.83
July	103.21	98.75	101.22	108.38	103.98	105.88	102.42	91.08	96.89
August	97.60	93.23	95.61	101.00	99.21	100.00	95.90	83.12	89.64
September	94.62	89.38	92.26	97.36	93.81	95.36	92.63	81.62	87.44
October	86.73	82.75	84.99	89.89	86.65	88.23	84.53	77.78	81.15
November	76.67	74.34	75.66	80.36	78.20	79.16	77.52	71.24	74.55
December	63.26	57.36	60.70	64.70	64.38	64.54	61.41	52.59	57.03
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015									
January	48.90	44.74	47.00	52.45	50.72	51.64	48.86	41.14	44.51
February	50.23	47.18	48.92	53.37	51.94	52.67	49.56	42.32	45.88
March	48.60	47.22	47.99	51.93	51.95	51.94	47.30	41.44	44.47
April	54.86	51.62	53.51	58.93	55.18	57.13	52.79	46.13	49.74
May	59.48	57.51	58.65	62.95	59.39	61.11	58.11	52.92	55.68
June	61.06	58.89	60.12	63.62	60.58	61.83	59.76	56.42	58.24
July	54.15	52.42	53.40	54.90	57.54	56.49	52.90	50.43	51.73
August	46.30	43.23	44.97	46.69	49.04	48.17	44.94	39.14	42.15
September	46.68	41.12	44.38	47.77	45.58	46.66	46.43	35.66	41.47
October	47.02	42.03	44.77	49.84	44.26	46.53	47.11	38.97	43.48
November	43.30	39.05	41.43	45.46	44.13	44.64	43.78	36.25	40.16
December	37.76	33.16	35.63	39.41	39.07	39.19	37.92	30.62	34.29
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016									
January	32.17	27.48	29.99	33.12	31.44	32.02	32.47	25.60	28.85
February	30.30	26.61	28.53	32.90	30.86	31.36	30.65	24.00	27.01
March	35.31	32.21	33.82	39.12	36.17	36.91	36.37	29.60	32.80
April	39.30	35.90	37.71	43.85	39.19	40.32	40.29	34.08	37.04
May	44.77	40.88	42.88	49.14	43.95	45.24	46.03	38.48	42.47
June	R47.57	44.13	R45.96	R50.67	R47.17	R48.12	R49.34	R41.86	R45.81
July	R44.87	R41.58	R43.31	48.33	45.13	45.69	45.69	39.56	42.84

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)

dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014									
January	98.26	93.60	96.04	84.71	70.60	77.56	99.66	97.31	98.56
February	103.83	98.18	101.27	93.44	85.64	89.56	101.78	102.10	101.92
March	102.94	97.51	100.64	92.10	85.43	88.81	104.64	105.09	104.85
April	103.17	98.54	101.14	92.35	86.57	89.88	103.66	105.41	104.39
May	101.83	100.02	101.04	93.61	88.77	91.38	105.20	104.47	104.90
June	104.46	101.44	103.27	97.35	92.05	95.47	104.01	105.62	104.70
July	103.31	100.39	102.12	93.51	88.16	91.08	104.45	104.84	104.63
August	98.43	95.66	97.30	86.93	81.17	84.23	98.57	99.88	99.25
September	95.99	90.90	93.90	84.40	79.99	82.32	94.21	95.76	94.97
October	88.64	82.95	86.43	77.06	74.99	76.13	83.74	88.93	86.17
November	76.34	74.03	75.40	71.32	68.05	69.87	76.79	79.13	77.77
December	65.71	57.54	62.45	52.13	49.62	50.98	59.00	63.01	60.72
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015									
January	49.11	45.46	47.62	41.14	36.20	38.77	48.61	49.03	48.80
February	50.01	48.09	49.24	45.05	39.66	42.52	51.99	52.78	52.31
March	49.02	48.33	48.74	42.43	38.15	40.32	49.09	52.78	50.77
April	55.40	52.56	54.30	47.72	44.57	46.25	55.81	57.47	56.53
May	59.46	58.41	59.07	54.42	50.62	52.61	61.54	62.65	62.07
June	61.68	58.84	60.58	54.68	55.25	54.94	61.35	62.34	61.83
July	54.86	51.58	53.67	48.76	48.19	48.48	54.37	55.50	54.95
August	47.15	42.87	45.65	40.16	35.58	37.87	46.08	47.52	46.85
September	46.71	41.31	44.82	42.08	32.48	37.12	47.67	47.09	47.37
October	46.86	41.33	44.65	43.98	37.26	40.39	47.30	46.74	47.01
November	43.14	38.25	41.31	40.49	34.01	37.16	43.28	43.29	43.28
December	37.94	32.18	35.54	34.68	28.70	31.54	37.06	37.35	37.20
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016									
January	32.48	26.96	30.31	29.77	23.46	26.50	30.82	30.56	30.69
February	30.23	26.16	28.53	28.49	20.75	24.75	30.09	30.80	30.43
March	34.37	31.61	33.17	36.04	27.85	32.35	36.59	36.03	36.32
April	38.65	34.49	37.05	39.41	33.72	36.59	39.69	39.66	39.67
May	43.96	39.63	42.13	44.71	36.54	40.77	45.13	45.37	45.27
June	R47.03	R43.73	45.68	R47.33	R39.53	R43.74	R46.45	47.18	R46.85
July	44.80	40.90	43.21	44.15	37.08	40.77	43.45	44.33	43.94

R = Revised data.

Notes: - U.S. is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-14, "Refiners' Monthly Cost Report," January 2004 to present."

Table 2. U.S. refiner prices of petroleum products to end users

dollars per gallon excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	0.912	1.201	0.796	0.717	1.030	0.880	0.789	0.849	0.799	0.773	0.610
1986	0.624	1.011	0.529	0.745	0.790	0.620	0.478	0.560	0.491	0.489	0.343
1987	0.669	0.907	0.543	0.701	0.770	0.604	0.551	0.581	0.556	0.513	0.423
1988	0.673	0.891	0.513	0.714	0.738	0.564	0.500	0.544	0.507	0.461	0.334
1989	0.756	0.995	0.592	0.615	0.709	0.661	0.585	0.587	0.585	0.512	0.385
1990	0.883	1.120	0.766	0.745	0.923	0.819	0.725	0.734	0.726	0.622	0.444
1991	0.797	1.047	0.652	0.730	0.838	0.740	0.648	0.665	0.650	0.580	0.340
1992	0.787	1.027	0.610	0.643	0.788	0.666	0.619	0.627	0.620	0.526	0.336
1993	0.759	0.990	0.580	0.673	0.754	0.666	0.602	0.602	0.602	0.501	0.337
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325
2015											
January	1.673	W	1.633	0.566	W	1.925	1.819	NA	1.823	-	1.264
February	1.858	W	1.747	0.671	W	2.027	1.979	2.204	1.981	-	1.376
March	2.054	W	1.766	0.619	W	NA	1.962	2.141	1.963	-	1.465
April	2.058	W	1.739	0.575	W	W	1.939	NA	1.941	W	1.516
May	2.322	W	1.979	0.465	W	W	2.090	2.308	2.092	W	1.543
June	2.374	W	1.855	0.393	W	W	2.021	2.321	2.022	W	1.549
July	2.338	W	1.694	0.405	W	W	1.913	2.207	1.914	W	1.363
August	2.218	W	1.516	0.387	W	W	1.737	2.046	1.739	W	1.207
September	1.920	W	1.465	0.468	2.996	W	1.693	1.949	1.694	W	1.107
October	1.849	W	1.473	0.479	W	1.774	1.702	NA	1.703	-	1.094
November	1.711	W	1.424	0.447	W	NA	1.603	1.814	1.606	-	1.043
December	1.604	W	1.232	0.422	W	NA	1.365	1.695	1.368	-	0.919
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016											
January	1.505	W	1.038	0.377	W	NA	1.198	1.450	1.201	W	0.710
February	1.332	W	1.032	0.409	W	NA	1.185	1.407	1.187	-	0.632
March	1.552	W	1.133	0.481	W	1.610	1.317	1.555	1.318	-	0.693
April	1.725	W	1.187	0.472	W	1.706	1.386	1.631	1.388	W	0.782
May	1.869	W	1.342	0.533	W	W	1.555	1.733	1.555	-	0.922
June	1.961	W	1.464	0.514	W	2.041	R1.661	1.861	R1.662	W	0.983
July	1.804	W	1.392	0.491	W	1.913	1.576	1.814	1.577	W	1.043

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

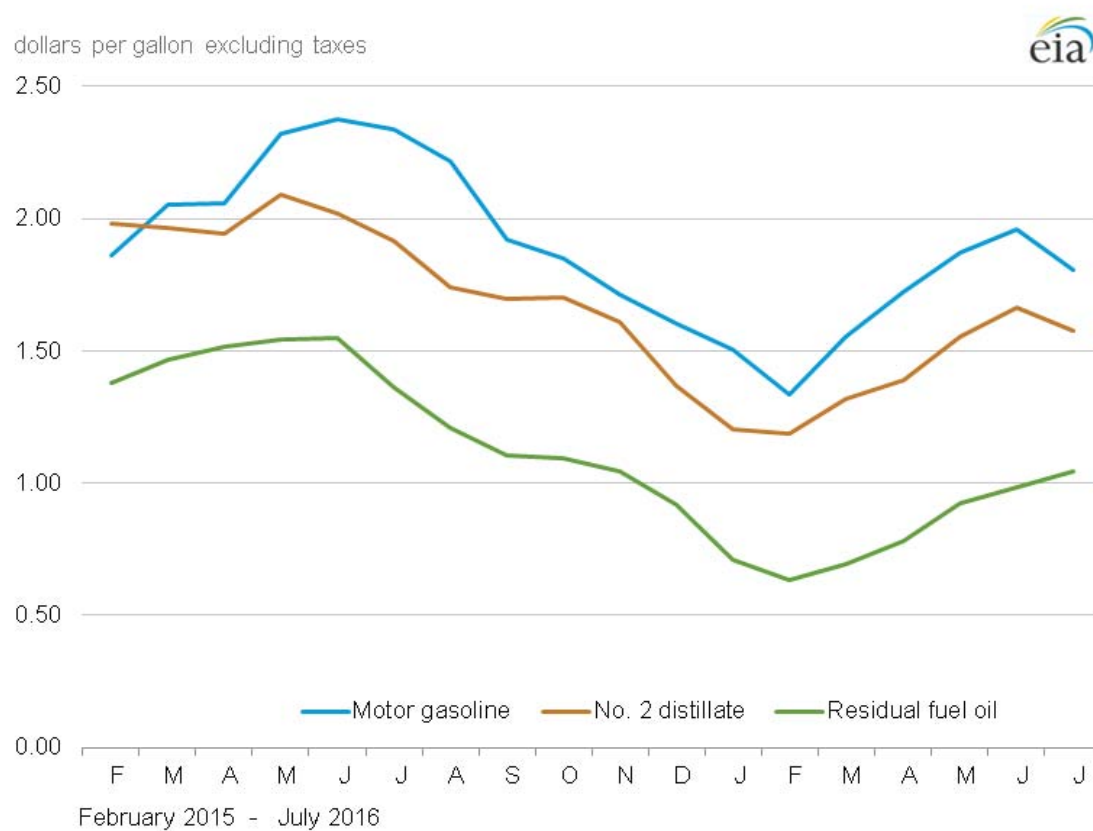
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 2. U.S. Refiner retail petroleum product prices



Sources: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report."

Table 3. U.S. refiner volumes of petroleum products to end users
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	57.5	0.3	34.6	3.7	0.3	0.5	25.0	5.0	29.9	0.5	25.2
1986	61.2	0.3	35.1	3.4	0.3	0.4	24.4	4.4	28.8	0.7	31.6
1987	61.0	0.2	36.8	3.8	0.3	0.4	24.1	4.5	28.5	0.8	29.0
1988	61.0	0.2	38.2	4.3	0.3	0.4	24.5	4.6	29.1	1.1	30.2
1989	61.2	0.2	40.1	2.8	0.3	0.5	24.3	4.5	28.8	0.9	30.4
1990	60.3	0.2	39.9	2.7	0.2	0.5	22.2	3.6	25.9	0.8	25.9
1991	61.2	0.2	38.5	3.1	0.2	0.5	21.1	3.2	24.4	0.7	24.0
1992	59.0	0.2	39.8	3.8	0.2	0.5	21.5	3.1	24.6	0.6	22.4
1993	57.2	0.2	41.7	3.5	0.2	0.4	20.8	2.9	23.8	0.6	17.2
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6
2015											
January	24.2	W	30.9	5.3	W	0.2	12.8	0.1	13.0	-	3.6
February	24.6	W	32.4	5.6	W	0.2	13.0	0.1	13.1	-	3.7
March	24.8	W	31.3	4.3	W	NA	12.9	0.1	13.0	-	3.5
April	25.4	W	33.4	4.3	W	W	12.5	0.1	12.6	W	4.6
May	25.9	W	34.9	6.4	W	W	11.7	0.1	11.8	W	3.9
June	26.0	W	36.1	5.8	W	W	13.1	0.0	13.1	W	4.6
July	26.3	W	36.1	6.3	W	W	12.8	0.0	12.8	W	3.6
August	26.0	W	34.8	7.8	W	W	12.9	0.1	13.0	W	4.3
September	25.7	W	33.2	5.2	0.0	W	13.3	0.1	13.4	W	4.5
October	25.9	W	32.6	4.2	W	0.1	12.6	0.2	12.7	-	3.7
November	25.2	W	32.5	5.9	W	NA	12.4	0.1	12.5	-	4.4
December	25.3	W	33.0	5.7	W	NA	11.7	0.1	11.8	-	4.0
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016											
January	24.4	W	31.0	8.6	W	NA	12.1	0.1	12.2	W	4.1
February	25.2	W	28.5	7.4	W	NA	12.6	0.1	12.8	-	3.9
March	25.2	W	30.8	6.1	W	0.1	12.2	0.1	12.3	-	4.1
April	25.9	W	30.6	5.8	W	0.1	12.1	0.1	12.1	W	4.2
May	26.0	W	30.9	5.5	W	W	12.5	0.1	12.5	-	3.9
June	26.7	W	R32.7	6.0	W	0.0	R12.5	0.1	R12.6	W	3.8
July	26.3	W	31.1	4.2	W	0.0	12.7	0.0	12.7	W	4.1

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

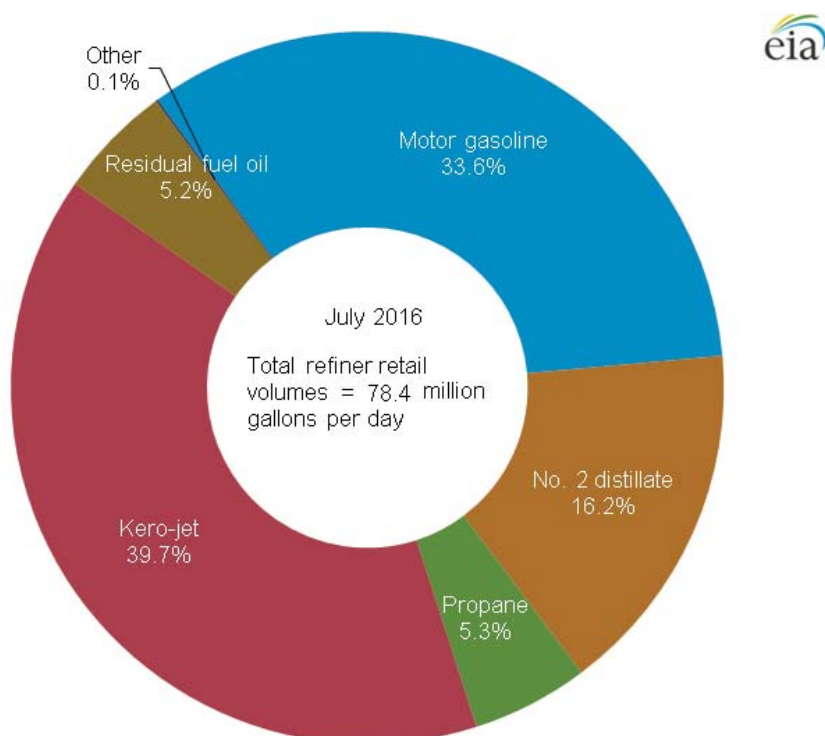
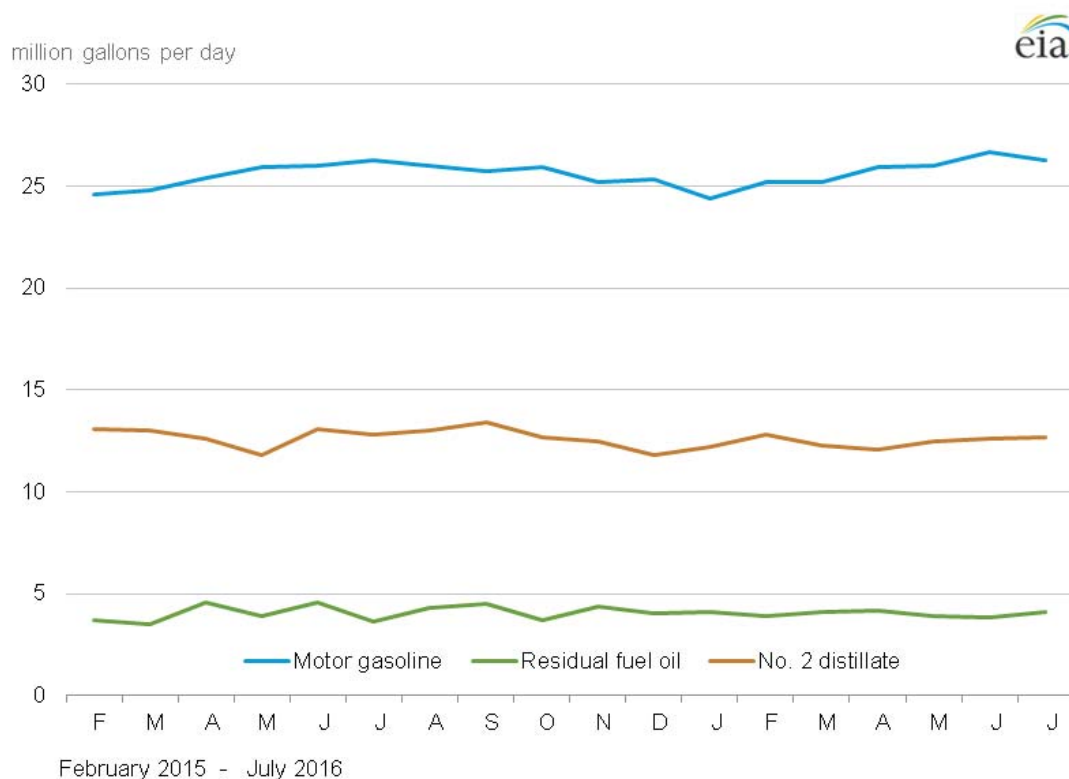
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 3. U.S. Refiner retail petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 4. U.S. refiner prices of petroleum products for resale

dollars per gallon excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	0.835	1.130	0.794	0.398	0.874	0.863	0.772	0.776	0.774	0.672	0.577
1986	0.531	0.912	0.495	0.290	0.606	0.579	0.452	0.486	0.470	0.409	0.305
1987	0.589	0.859	0.538	0.252	0.592	0.599	0.534	0.527	0.531	0.462	0.385
1988	0.577	0.850	0.495	0.240	0.549	0.549	0.473	0.473	0.473	0.425	0.300
1989	0.654	0.950	0.583	0.247	0.669	0.668	0.567	0.565	0.566	0.480	0.360
1990	0.786	1.063	0.773	0.386	0.839	0.838	0.694	0.697	0.695	0.590	0.413
1991	0.699	1.001	0.650	0.349	0.723	0.730	0.615	0.622	0.618	0.556	0.314
1992	0.677	0.991	0.605	0.328	0.632	0.652	0.591	0.579	0.585	0.495	0.308
1993	0.626	0.965	0.577	0.351	0.604	0.646	0.570	0.544	0.559	0.488	0.293
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.700	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015											
January	1.366	2.324	1.612	0.713	1.900	1.979	1.616	1.669	1.620	1.150	1.023
February	1.637	2.529	1.722	0.748	2.233	2.161	1.861	1.850	1.860	1.355	1.126
March	1.770	2.801	1.731	0.689	2.098	2.246	1.815	1.847	1.817	1.337	1.126
April	1.835	2.827	1.709	0.566	1.800	2.276	1.805	1.740	1.803	1.403	1.114
May	2.080	3.050	1.933	0.475	1.929	2.429	1.973	1.852	1.969	1.460	1.234
June	2.121	3.259	1.813	0.404	1.871	2.359	1.881	1.813	1.880	1.498	1.233
July	2.072	3.217	1.655	0.405	1.701	2.195	1.729	1.654	1.728	1.380	1.122
August	1.838	2.980	1.479	0.402	1.494	2.005	1.562	1.461	1.559	1.133	0.918
September	1.609	2.586	1.443	0.469	1.509	1.902	1.551	1.438	1.549	1.123	0.852
October	1.558	2.475	1.451	0.524	1.555	1.896	1.572	1.411	1.563	W	0.836
November	1.426	2.385	1.400	0.505	1.554	1.836	1.456	1.356	1.449	W	0.787
December	1.356	2.252	1.207	0.499	1.275	1.516	1.176	1.126	1.173	0.953	0.633
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016											
January	1.187	2.122	1.022	0.460	1.183	1.263	1.015	0.976	1.012	0.739	0.499
February	1.046	1.908	1.017	0.470	1.155	1.278	1.043	0.948	1.035	W	0.504
March	1.335	2.230	1.100	0.497	1.208	1.413	1.189	1.070	1.182	0.861	0.558
April	1.476	2.457	1.155	0.458	1.193	1.491	1.251	1.113	1.244	0.957	0.616
May	1.613	2.528	1.311	0.511	1.327	1.736	1.432	1.291	1.426	1.046	0.723
June	1.643	2.591	1.428	0.497	1.445	1.864	1.531	1.404	1.527	1.136	0.825
July	1.489	2.505	1.356	0.476	1.297	1.753	1.426	1.305	1.421	W	0.835

W = Withheld to avoid disclosure of individual company data.

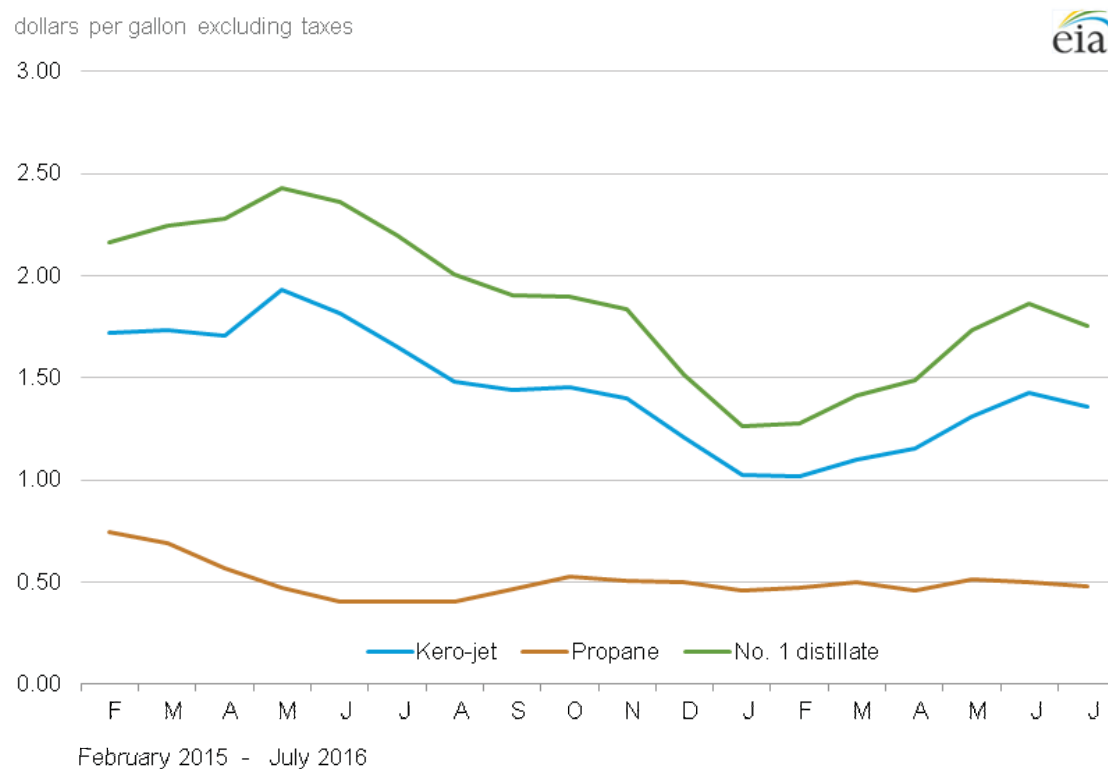
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 4. U.S. Refiner wholesale petroleum product prices



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 5. U.S. refiner volumes of petroleum sales for resale
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	256.9	0.7	7.6	29.2	2.4	2.7	43.3	53.9	97.3	1.2	19.9
1986	257.2	0.7	9.2	26.3	2.4	2.5	46.4	53.8	100.3	1.2	18.6
1987	257.2	0.8	10.1	27.0	2.3	2.0	44.3	49.3	93.6	1.5	16.9
1988	263.7	0.7	10.0	27.7	2.7	2.6	47.8	50.1	97.9	1.2	18.9
1989	260.7	0.7	8.6	25.9	2.7	2.7	50.7	46.7	97.5	1.2	21.0
1990	264.8	0.7	8.8	25.5	2.2	2.4	51.9	45.9	97.8	0.8	17.9
1991	261.3	0.7	8.7	25.4	2.1	2.4	51.5	46.9	98.3	0.4	17.8
1992	265.4	0.7	8.0	26.7	2.2	2.3	50.8	48.9	99.7	0.4	15.2
1993	266.9	0.6	8.3	27.9	2.3	2.3	58.0	43.6	101.7	0.4	12.6
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0
2015											
January	281.3	0.3	26.0	45.6	2.0	3.2	141.1	10.9	152.0	0.2	6.5
February	292.0	0.4	26.9	46.6	1.3	3.0	142.6	10.4	153.0	0.1	7.7
March	292.8	0.4	28.4	33.4	0.8	1.1	142.8	7.4	150.2	0.1	7.8
April	302.2	0.5	29.5	29.4	0.8	0.4	150.3	4.6	154.9	0.2	7.6
May	300.0	0.4	27.3	25.0	0.7	0.2	143.9	4.5	148.3	0.1	8.0
June	305.0	0.4	29.8	25.1	1.5	0.2	155.8	2.7	158.5	0.1	8.9
July	305.1	0.6	29.4	23.2	1.3	0.2	151.2	3.0	154.3	0.2	8.3
August	304.1	0.5	29.1	25.9	1.6	0.2	148.6	3.7	152.4	0.1	9.1
September	303.7	0.5	30.0	32.1	1.1	0.5	152.5	3.7	156.2	0.1	8.1
October	299.8	0.6	27.0	28.5	1.1	1.1	149.9	9.0	158.9	W	8.2
November	298.2	0.3	29.6	30.7	1.0	2.0	139.3	10.0	149.3	W	8.0
December	299.9	0.3	30.3	34.8	1.3	2.2	140.0	10.6	150.6	0.1	8.9
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016											
January	285.3	0.3	29.3	45.5	1.6	2.4	130.5	12.3	142.8	0.2	9.3
February	295.0	0.4	28.6	43.8	1.5	1.7	132.9	12.8	145.7	W	9.3
March	303.8	0.4	28.5	29.1	0.6	0.7	137.7	8.5	146.2	0.2	9.2
April	302.5	0.6	28.2	26.1	0.8	0.3	137.4	7.7	145.1	0.2	9.0
May	305.8	0.4	29.7	27.4	0.9	0.1	137.5	6.8	144.3	0.1	9.9
June	314.9	0.5	R30.9	25.5	0.7	0.1	138.6	4.8	R143.4	0.1	8.9
July	315.7	0.5	32.0	24.1	0.9	0.1	131.6	4.9	136.5	W	7.9

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

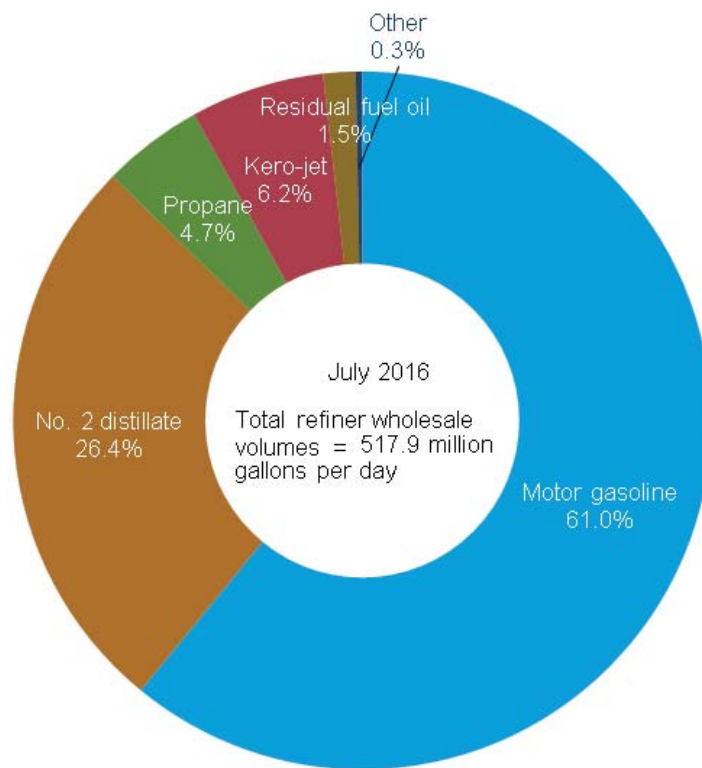
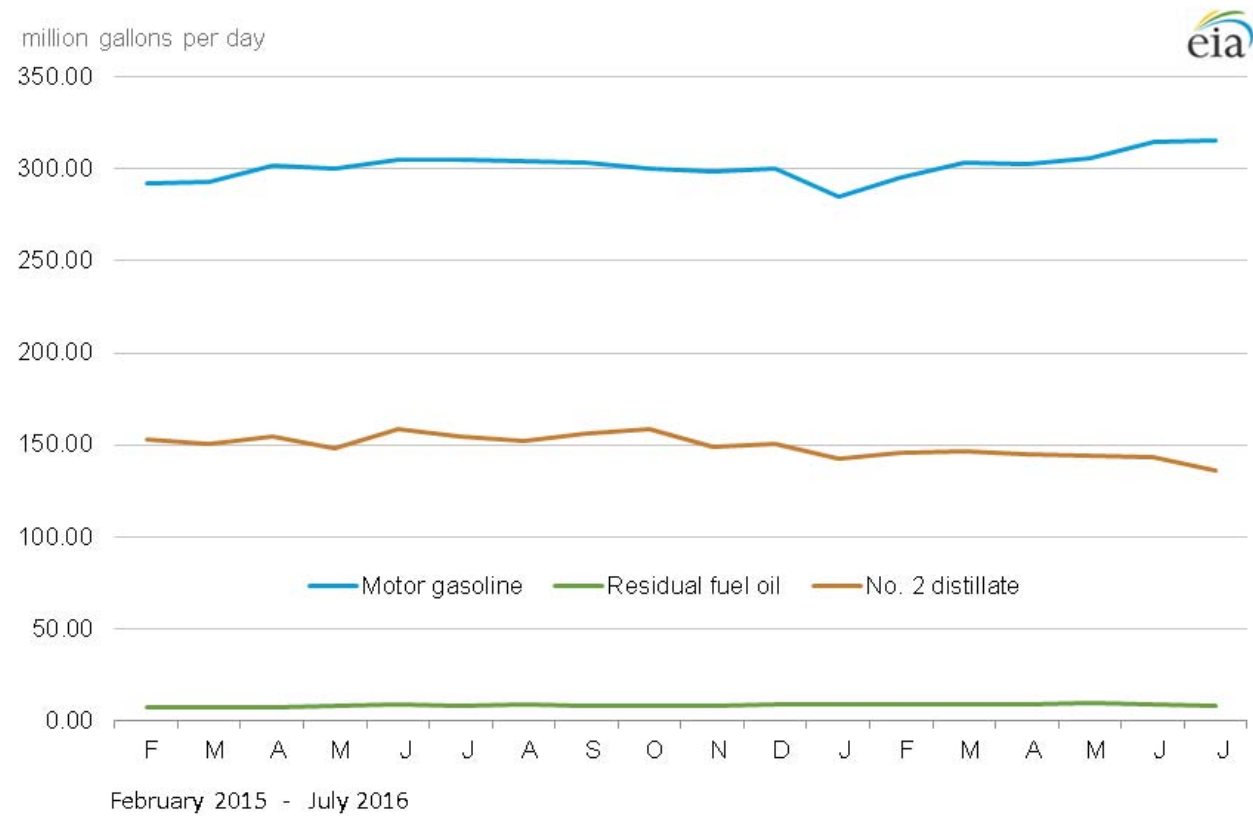
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 5. U.S. Refiner wholesale petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 6. U.S. refiner motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1985	0.925	0.917	-	-	-	0.843	-	-	-	-	-	-
1986	0.624	0.616	-	-	-	0.522	-	-	-	-	-	-
1987	0.659	0.650	-	-	-	0.569	-	-	-	-	-	-
1988	0.649	0.641	-	-	-	0.548	-	-	-	-	-	-
1989	0.720	0.714	-	-	-	0.618	0.796	0.793	-	-	-	0.686
1990	0.853	0.849	-	-	-	0.758	0.923	0.921	-	-	-	0.814
1991	0.764	0.761	-	-	-	0.672	0.847	0.843	-	-	-	0.733
1992	0.746	0.743	-	-	-	0.645	0.831	0.827	-	-	-	0.708
1993	0.716	0.712	-	-	-	0.593	0.810	0.805	-	-	-	0.660
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1.000	0.997	0.977	0.848	0.786	0.865	1.103	1.100	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015												
January	1.618	1.616	1.547	1.318	1.302	1.332	1.858	1.859	1.671	1.440	-	1.468
February	1.809	1.807	1.861	1.589	1.535	1.604	2.026	2.025	2.025	1.710	-	1.748
March	1.990	1.987	2.198	1.696	1.698	1.732	2.281	2.279	2.303	1.834	-	1.889
April	1.996	1.995	2.164	1.771	1.746	1.796	2.264	2.262	2.310	1.903	-	1.950
May	2.253	2.252	2.604	1.999	1.953	2.037	2.563	2.560	2.741	2.135	-	2.199
June	2.317	2.315	2.451	2.051	2.002	2.075	2.571	2.569	2.594	2.202	-	2.244
July	2.267	2.266	2.645	1.971	1.983	2.017	2.595	2.593	2.802	2.157	-	2.222
August	2.149	2.147	2.358	1.742	1.695	1.781	2.470	2.469	2.479	1.942	-	1.998
September	1.847	1.845	2.018	1.530	1.450	1.556	2.177	2.176	2.171	1.718	-	1.768
October	1.787	1.785	1.856	1.491	1.406	1.510	2.056	2.056	2.051	1.674	-	1.717
November	1.644	1.643	1.756	1.354	1.340	1.380	1.919	1.919	1.921	1.522	-	1.569
December	1.531	1.530	1.730	1.282	1.260	1.310	1.837	1.836	1.922	1.444	-	1.502
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016												
January	1.426	1.426	1.648	1.101	1.148	1.142	1.760	1.759	1.794	1.257	-	1.321
February	1.257	1.256	1.351	0.977	0.985	1.003	1.555	1.554	1.499	1.118	-	1.165
March	1.487	1.485	1.638	1.273	1.198	1.291	1.745	1.744	1.808	1.441	-	1.486
April	1.658	1.656	1.757	1.412	1.336	1.431	1.927	1.926	1.886	1.574	-	1.612
May	1.806	1.806	1.805	1.559	1.455	1.568	2.047	2.046	1.928	1.716	-	1.741
June	1.901	1.900	1.866	1.585	1.513	1.598	2.123	2.121	1.996	1.749	-	1.776
July	1.729	1.729	1.761	1.421	1.407	1.442	2.025	2.024	1.889	1.591	-	1.625

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1985	1.030	1.023	-	-	-	0.922	0.921	0.912	-	-	-	0.835
1986	0.748	0.737	-	-	-	0.610	0.632	0.624	-	-	-	0.531
1987	0.790	0.784	-	-	-	0.671	0.678	0.669	-	-	-	0.589
1988	0.794	0.788	-	-	-	0.672	0.681	0.673	-	-	-	0.577
1989	0.874	0.868	-	-	-	0.749	0.763	0.756	-	-	-	0.654
1990	0.990	0.985	-	-	-	0.874	0.888	0.883	-	-	-	0.786
1991	0.912	0.907	-	-	-	0.792	0.800	0.797	-	-	-	0.699
1992	0.920	0.914	-	-	-	0.774	0.792	0.787	-	-	-	0.677
1993	0.896	0.889	-	-	-	0.722	0.765	0.759	-	-	-	0.626
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.700
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.500	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.800	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2.000	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015												
January	2.012	2.008	1.741	1.615	1.481	1.625	1.674	1.673	1.588	1.350	1.317	1.366
February	2.178	2.174	2.078	1.881	1.728	1.900	1.861	1.858	1.906	1.620	1.550	1.637
March	2.456	2.449	2.386	2.021	1.910	2.066	2.057	2.054	2.236	1.731	1.716	1.770
April	2.434	2.429	2.378	2.105	1.932	2.130	2.060	2.058	2.208	1.808	1.765	1.835
May	2.744	2.738	2.809	2.354	2.176	2.402	2.324	2.322	2.645	2.038	1.974	2.080
June	2.722	2.717	2.660	2.439	2.356	2.464	2.376	2.374	2.494	2.094	2.030	2.121
July	2.756	2.751	2.873	2.422	2.452	2.480	2.340	2.338	2.691	2.023	2.025	2.072
August	2.627	2.621	2.560	2.214	2.035	2.247	2.221	2.218	2.400	1.796	1.731	1.838
September	2.343	2.337	2.229	1.969	1.746	1.991	1.922	1.920	2.063	1.581	1.475	1.609
October	2.228	2.222	2.093	1.889	1.680	1.904	1.851	1.849	1.907	1.536	1.437	1.558
November	2.113	2.109	1.982	1.741	1.505	1.756	1.713	1.711	1.805	1.398	1.359	1.426
December	2.039	2.034	1.979	1.667	1.459	1.695	1.605	1.604	1.784	1.325	1.281	1.356
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016												
January	1.963	1.958	1.873	1.473	1.309	1.519	1.506	1.505	1.696	1.143	1.164	1.187
February	1.760	1.757	1.578	1.322	1.140	1.346	1.333	1.332	1.402	1.016	1.005	1.046
March	1.938	1.935	1.892	1.633	1.421	1.656	1.554	1.552	1.694	1.314	1.218	1.335
April	2.121	2.119	1.999	1.779	1.526	1.788	1.727	1.725	1.809	1.454	1.366	1.476
May	2.242	2.240	2.043	1.928	1.658	1.925	1.871	1.869	1.857	1.602	1.479	1.613
June	2.319	2.316	2.109	1.956	1.753	1.962	1.962	1.961	1.919	1.628	1.540	1.643
July	2.225	2.223	1.992	1.788	1.575	1.800	1.804	1.804	1.812	1.467	1.425	1.489

NA = Not available.

-- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 7. U.S. refiner motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1985	26.2	29.9	-	-	-	119.7	-	-	-	-	-	-
1986	30.9	34.7	-	-	-	127.0	-	-	-	-	-	-
1987	32.7	36.1	-	-	-	141.9	-	-	-	-	-	-
1988	34.2	37.3	-	-	-	153.6	-	-	-	-	-	-
1989	34.3	36.8	-	-	-	155.7	4.9	5.1	-	-	-	16.4
1990	36.7	38.8	-	-	-	174.5	7.4	7.6	-	-	-	23.1
1991	38.4	40.4	-	-	-	180.9	7.9	8.2	-	-	-	23.7
1992	36.5	38.4	-	-	-	182.2	8.9	9.2	-	-	-	27.5
1993	35.6	37.2	-	-	-	184.0	8.7	8.9	-	-	-	27.7
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015												
January	19.8	20.1	17.2	210.9	19.4	247.5	1.6	1.6	0.3	2.5	-	2.9
February	20.2	20.5	18.1	218.4	21.2	257.7	1.7	1.7	0.4	2.6	-	3.0
March	20.3	20.6	18.3	219.1	20.4	257.9	1.7	1.7	0.4	2.7	-	3.1
April	20.7	21.1	18.2	226.1	20.7	265.0	1.7	1.7	0.4	2.8	-	3.2
May	21.2	21.5	18.0	225.5	19.3	262.8	1.8	1.8	0.4	3.0	-	3.3
June	21.3	21.6	18.3	230.9	18.0	267.2	1.8	1.8	0.4	3.0	-	3.3
July	21.5	21.8	18.0	232.1	16.9	267.0	1.8	1.8	0.3	3.0	-	3.3
August	21.2	21.5	18.3	228.4	18.5	265.2	1.8	1.8	0.3	2.9	-	3.2
September	21.0	21.3	18.0	225.2	22.4	265.5	1.8	1.8	0.3	2.7	-	3.1
October	21.2	21.5	18.0	227.1	16.8	262.0	1.8	1.8	0.3	2.6	-	3.0
November	20.5	20.8	17.7	222.8	20.1	260.6	1.7	1.7	0.3	2.5	-	2.9
December	20.6	20.9	17.9	222.9	21.9	262.6	1.7	1.8	0.3	2.5	-	2.8
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016												
January	19.9	20.2	17.2	214.4	18.2	249.8	1.7	1.7	0.3	2.4	-	2.8
February	20.4	20.7	18.0	222.4	16.7	257.0	1.8	1.8	0.3	2.4	-	2.7
March	20.5	20.7	18.1	224.8	23.1	266.0	1.8	1.8	0.3	2.4	-	2.8
April	21.0	21.3	18.4	228.7	16.0	263.1	1.8	1.8	0.3	2.5	-	2.9
May	21.1	21.3	18.3	228.6	19.1	266.0	1.8	1.8	0.3	2.6	-	3.0
June	21.7	21.9	18.2	235.5	20.4	274.1	1.9	1.9	0.3	2.7	-	3.1
July	21.4	21.6	18.2	232.2	22.3	272.7	1.9	1.9	0.3	2.7	-	3.0

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1985	9.2	10.0	-	-	-	38.0	50.5	57.5	-	-	-	256.9
1986	9.0	9.8	-	-	-	45.1	54.2	61.2	-	-	-	257.2
1987	11.2	11.6	-	-	-	53.0	55.7	61.0	-	-	-	257.2
1988	13.8	14.5	-	-	-	62.4	56.7	61.0	-	-	-	263.7
1989	13.5	14.2	-	-	-	60.8	57.5	61.2	-	-	-	260.7
1990	11.2	11.7	-	-	-	53.7	57.4	60.3	-	-	-	264.8
1991	10.5	10.9	-	-	-	48.3	58.4	61.2	-	-	-	261.3
1992	10.3	10.7	-	-	-	51.7	56.4	59.0	-	-	-	265.4
1993	10.3	10.6	-	-	-	52.8	54.9	57.2	-	-	-	266.9
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015												
January	2.5	2.5	4.4	24.7	1.8	30.9	23.9	24.2	21.9	238.2	21.1	281.3
February	2.5	2.5	4.5	25.1	1.8	31.4	24.3	24.6	22.9	246.1	23.0	292.0
March	2.5	2.5	4.5	25.5	1.8	31.8	24.4	24.8	23.1	247.3	22.3	292.8
April	2.6	2.6	4.6	27.2	2.3	34.0	25.0	25.4	23.1	256.1	23.0	302.2
May	2.6	2.6	4.4	27.5	2.0	33.9	25.5	25.9	22.7	256.0	21.3	300.0
June	2.6	2.6	4.5	28.3	1.6	34.4	25.7	26.0	23.2	262.2	19.5	305.0
July	2.6	2.7	4.4	28.7	1.7	34.8	26.0	26.3	22.7	263.9	18.5	305.1
August	2.7	2.7	4.6	28.9	2.2	35.7	25.7	26.0	23.2	260.2	20.7	304.1
September	2.7	2.7	4.7	28.4	2.0	35.1	25.4	25.7	23.0	256.3	24.4	303.7
October	2.6	2.7	4.7	28.0	2.1	34.9	25.6	25.9	23.1	257.8	19.0	299.8
November	2.6	2.7	4.7	27.5	2.5	34.7	24.8	25.2	22.7	252.9	22.6	298.2
December	2.6	2.7	4.7	27.2	2.6	34.5	25.0	25.3	22.9	252.5	24.5	299.9
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016												
January	2.5	2.6	4.6	26.1	2.1	32.8	24.1	24.4	22.1	243.0	20.2	285.3
February	2.7	2.7	5.0	27.8	2.5	35.3	24.9	25.2	23.3	252.6	19.1	295.0
March	2.7	2.7	4.9	27.7	2.3	35.0	25.0	25.2	23.4	255.0	25.4	303.8
April	2.7	2.8	5.0	28.6	3.0	36.5	25.6	25.9	23.7	259.8	19.0	302.5
May	2.8	2.8	5.0	29.2	2.5	36.8	25.7	26.0	23.7	260.4	21.7	305.8
June	2.8	2.9	5.0	30.1	2.6	37.7	26.4	26.7	23.6	R268.3	23.0	314.9
July	2.8	2.9	5.0	32.2	2.7	40.0	26.1	26.3	23.6	267.1	25.0	315.7

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.500	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.800	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.700	NA	0.726
1997	0.781	0.775	0.719	0.649	0.600	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.700	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015												
January	1.554	1.554	1.439	1.305	1.286	1.306	1.748	1.750	1.639	1.431	-	1.442
February	1.737	1.735	1.671	1.564	W	1.562	1.893	1.891	1.882	1.677	-	1.687
March	1.852	1.851	1.949	1.662	1.683	1.670	2.034	2.031	2.121	1.793	-	1.810
April	1.882	1.883	1.942	1.731	1.710	1.734	2.067	2.065	2.124	1.856	-	1.870
May	2.096	2.097	2.244	1.950	1.906	1.953	2.285	2.283	2.451	2.081	-	2.099
June	2.221	2.220	2.271	2.023	W	2.025	2.396	2.393	2.462	2.178	-	2.192
July	2.123	2.124	2.279	1.919	W	1.929	2.327	2.325	2.466	2.105	-	2.122
August	2.020	2.018	2.066	1.708	1.666	1.712	2.230	2.229	2.316	1.919	-	1.939
September	1.744	1.743	1.768	1.512	W	1.508	1.984	1.985	2.078	1.706	-	1.725
October	1.722	1.721	1.590	1.478	W	1.473	1.922	1.923	1.933	1.665	-	1.679
November	1.562	1.562	1.549	1.333	W	1.336	1.768	1.768	1.811	1.500	-	1.518
December	1.430	1.431	1.489	1.251	1.235	1.255	1.648	1.648	1.750	1.399	-	1.419
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016												
January	1.304	1.305	1.296	1.073	W	1.083	1.524	1.524	1.578	1.221	-	1.241
February	1.167	1.167	1.103	0.960	W	0.964	1.377	1.376	1.349	1.098	-	1.112
March	1.413	1.412	1.329	1.248	1.175	1.242	1.602	1.601	1.558	1.408	-	1.416
April	1.577	1.576	1.459	1.383	1.310	1.379	1.782	1.781	1.653	1.548	-	1.554
May	1.749	1.749	1.604	1.543	1.425	1.535	1.951	1.950	1.743	1.707	-	1.709
June	1.855	1.854	1.658	R1.562	R1.493	1.558	2.043	R2.041	1.802	1.735	-	1.738
July	1.648	1.649	1.607	1.407	W	1.410	1.891	1.890	1.770	1.584	-	1.595

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015												
January	1.908	1.901	1.648	1.615	1.480	1.604	1.587	1.586	1.475	1.335	1.302	1.335
February	2.062	2.054	W	1.854	1.702	1.842	1.765	1.763	1.709	1.591	1.538	1.588
March	2.214	2.207	2.157	1.986	1.880	1.983	1.885	1.884	1.984	1.692	1.700	1.700
April	2.244	2.239	2.156	2.071	1.895	2.055	1.916	1.917	1.979	1.764	1.730	1.766
May	2.459	2.454	2.473	2.308	2.128	2.298	2.131	2.131	2.285	1.985	1.928	1.987
June	2.577	2.570	W	2.432	2.349	2.428	2.254	2.253	2.311	2.064	2.008	2.065
July	2.508	2.504	W	2.375	2.415	2.382	2.160	2.161	2.319	1.965	1.991	1.975
August	2.407	2.401	2.302	2.203	2.016	2.189	2.058	2.057	2.109	1.759	1.707	1.763
September	2.166	2.158	W	1.968	1.713	1.946	1.786	1.785	1.812	1.559	1.449	1.553
October	2.124	2.114	W	1.885	1.648	1.860	1.760	1.759	1.637	1.519	1.413	1.513
November	1.977	1.970	W	1.725	1.471	1.697	1.602	1.601	1.591	1.372	1.326	1.373
December	1.866	1.860	1.726	1.630	1.410	1.609	1.471	1.472	1.532	1.288	1.254	1.290
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016												
January	1.737	1.733	W	1.441	1.272	1.428	1.345	1.346	1.337	1.109	1.137	1.117
February	1.593	1.590	W	1.315	1.132	1.297	1.209	1.209	1.143	0.995	0.991	0.998
March	1.812	1.808	1.548	1.612	1.381	1.586	1.451	1.450	1.369	1.283	1.194	1.276
April	1.995	1.992	1.674	1.763	1.489	1.726	1.617	1.617	1.498	1.421	1.339	1.416
May	2.174	2.170	1.809	1.935	1.630	1.898	1.791	1.790	1.641	1.583	1.451	1.573
June	2.275	2.270	1.862	1.955	1.723	1.926	1.895	1.894	1.696	1.602	1.522	1.597
July	2.122	2.119	W	1.786	1.550	1.763	1.696	1.697	1.645	1.450	1.410	1.451

NA = Not available.

-- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015												
January	13.4	13.6	3.7	150.4	17.2	171.2	0.8	0.8	0.1	1.8	-	1.9
February	13.5	13.8	W	156.1	W	179.1	0.8	0.8	0.1	1.8	-	1.9
March	13.6	13.8	3.9	156.9	17.6	178.4	0.8	0.8	0.1	1.9	-	2.0
April	14.0	14.3	3.9	162.8	17.5	184.2	0.8	0.8	0.1	2.0	-	2.1
May	14.3	14.6	3.9	162.0	16.4	182.3	0.9	0.9	0.1	2.1	-	2.2
June	14.3	14.6	W	165.5	W	184.6	0.9	0.9	0.1	2.1	-	2.2
July	14.6	14.9	W	167.9	W	186.1	0.9	0.9	0.1	2.1	-	2.2
August	14.2	14.5	4.0	163.8	15.5	183.3	0.9	0.9	0.1	2.0	-	2.1
September	14.1	14.4	W	161.3	W	184.5	0.9	0.9	0.1	1.9	-	2.0
October	14.2	14.5	W	162.3	W	180.4	0.9	0.9	0.1	1.8	-	1.9
November	13.9	14.1	W	159.6	W	180.2	0.8	0.8	0.1	1.8	-	1.9
December	14.0	14.2	4.1	159.7	18.9	182.7	0.8	0.8	0.1	1.7	-	1.8
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016												
January	13.5	13.8	W	153.0	W	172.2	0.8	0.8	0.1	1.7	-	1.8
February	14.0	14.2	W	158.9	W	176.8	0.8	0.9	0.1	1.7	-	1.8
March	14.0	14.2	4.1	161.9	20.0	186.0	0.9	0.9	0.1	1.7	-	1.8
April	14.4	14.6	4.2	164.0	13.5	181.7	0.9	0.9	0.1	1.7	-	1.8
May	14.4	14.6	4.2	163.6	15.4	183.3	0.9	0.9	0.1	1.8	-	1.9
June	14.7	14.9	4.2	168.5	16.4	189.1	0.9	0.9	0.1	1.9	-	2.0
July	14.6	14.8	W	167.3	W	190.4	0.9	0.9	0.1	1.8	-	2.0

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015												
January	1.0	1.0	0.7	15.1	1.6	17.4	15.1	15.4	4.5	167.2	18.8	190.5
February	1.0	1.0	W	15.2	W	17.6	15.3	15.6	4.7	173.2	20.7	198.6
March	1.0	1.0	0.7	15.7	1.6	18.0	15.4	15.7	4.7	174.5	19.2	198.4
April	1.1	1.1	0.7	16.8	2.1	19.6	15.9	16.2	4.7	181.6	19.6	205.9
May	1.1	1.1	0.7	17.0	1.8	19.6	16.3	16.6	4.7	181.1	18.3	204.0
June	1.1	1.1	W	17.7	W	19.9	16.3	16.6	4.9	185.2	16.5	206.6
July	1.1	1.2	W	18.3	W	20.5	16.7	17.0	5.0	188.2	15.6	208.8
August	1.1	1.2	0.8	18.1	2.0	20.9	16.2	16.6	4.9	183.9	17.5	206.2
September	1.1	1.2	W	17.6	W	20.2	16.1	16.4	4.7	180.8	21.1	206.7
October	1.1	1.1	W	17.1	W	19.9	16.2	16.5	4.8	181.3	16.1	202.2
November	1.1	1.1	W	16.8	W	19.9	15.8	16.1	4.9	178.2	18.9	202.0
December	1.1	1.1	0.8	16.6	2.3	19.7	15.9	16.2	5.0	178.0	21.2	204.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016												
January	1.1	1.1	W	16.0	W	18.6	15.4	15.7	4.8	170.7	17.0	192.5
February	1.1	1.1	W	16.9	W	19.6	15.9	16.2	4.9	177.4	15.8	198.2
March	1.1	1.2	0.8	17.0	2.0	19.9	16.0	16.2	5.0	180.6	22.0	207.7
April	1.2	1.2	0.8	17.6	2.6	21.0	16.4	16.7	5.1	183.3	16.1	204.5
May	1.2	1.2	0.9	18.0	2.2	21.1	16.4	16.7	5.2	183.5	17.7	206.3
June	1.2	1.2	0.9	18.6	2.3	21.8	16.8	17.0	5.2	R189.0	18.7	R212.9
July	1.2	1.3	W	20.9	W	24.2	16.8	17.0	5.1	190.0	21.4	216.5

NA = Not available.

-- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.800	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015												
January	1.748	1.747	1.577	1.348	1.431	1.391	1.958	1.958	1.684	1.461	-	1.515
February	1.955	1.954	1.913	1.650	W	1.697	2.143	2.142	2.081	1.784	-	1.857
March	2.268	2.266	2.266	1.781	1.792	1.869	2.503	2.503	2.377	1.932	-	2.040
April	2.233	2.231	2.224	1.873	1.946	1.938	2.450	2.450	2.386	2.013	-	2.101
May	2.579	2.578	2.703	2.122	2.223	2.227	2.826	2.826	2.865	2.263	-	2.396
June	2.515	2.513	2.502	2.121	W	2.187	2.736	2.736	2.650	2.260	-	2.346
July	2.574	2.572	2.751	2.108	W	2.221	2.862	2.862	2.956	2.279	-	2.418
August	2.414	2.412	2.440	1.826	1.841	1.934	2.701	2.701	2.550	1.990	-	2.106
September	2.059	2.058	2.086	1.576	W	1.666	2.358	2.358	2.211	1.745	-	1.847
October	1.920	1.919	1.931	1.522	W	1.593	2.181	2.181	2.101	1.694	-	1.786
November	1.815	1.814	1.817	1.406	W	1.480	2.057	2.057	1.971	1.572	-	1.663
December	1.744	1.743	1.801	1.358	1.418	1.437	2.011	2.011	2.000	1.544	-	1.652
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016												
January	1.688	1.687	1.752	1.170	W	1.274	1.981	1.981	1.893	1.341	-	1.468
February	1.450	1.449	1.422	1.019	W	1.090	1.721	1.721	1.564	1.164	-	1.260
March	1.646	1.644	1.728	1.339	1.347	1.407	1.881	1.881	1.918	1.519	-	1.615
April	1.832	1.831	1.845	1.485	1.475	1.548	2.064	2.064	1.985	1.635	-	1.719
May	1.928	1.927	1.864	1.598	1.581	1.642	2.135	2.135	2.011	1.736	-	1.799
June	1.998	1.997	1.929	1.643	1.591	1.688	2.195	2.195	2.090	1.781	-	1.848
July	1.905	1.904	1.806	1.456	W	1.517	2.152	2.152	1.948	1.605	-	1.681

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.100	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.200	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.700	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015												
January	2.080	2.080	1.758	1.615	1.486	1.652	1.825	1.824	1.617	1.385	1.435	1.431
February	2.254	2.254	W	1.922	W	1.976	2.023	2.022	1.957	1.688	1.662	1.740
March	2.616	2.615	2.429	2.076	2.124	2.173	2.348	2.346	2.301	1.822	1.817	1.916
April	2.567	2.566	2.420	2.162	2.228	2.231	2.309	2.308	2.267	1.915	1.967	1.984
May	2.954	2.953	2.877	2.429	2.592	2.545	2.664	2.662	2.740	2.166	2.248	2.276
June	2.825	2.825	W	2.450	W	2.513	2.587	2.585	2.544	2.168	2.150	2.237
July	2.947	2.946	W	2.505	W	2.622	2.661	2.660	2.795	2.165	2.208	2.283
August	2.792	2.792	2.612	2.232	2.200	2.329	2.503	2.501	2.477	1.886	1.866	1.996
September	2.472	2.472	W	1.972	W	2.052	2.157	2.155	2.128	1.634	1.645	1.728
October	2.302	2.302	W	1.895	W	1.962	2.008	2.007	1.979	1.577	1.566	1.651
November	2.209	2.209	W	1.765	W	1.836	1.907	1.905	1.864	1.459	1.524	1.537
December	2.162	2.161	2.029	1.725	1.868	1.809	1.841	1.840	1.854	1.412	1.456	1.497
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016												
January	2.126	2.125	W	1.524	W	1.638	1.792	1.790	1.796	1.221	1.307	1.331
February	1.878	1.878	W	1.333	W	1.408	1.554	1.553	1.471	1.066	1.074	1.143
March	2.029	2.028	1.960	1.668	1.712	1.749	1.737	1.736	1.783	1.388	1.377	1.463
April	2.215	2.215	2.064	1.804	1.779	1.873	1.921	1.921	1.895	1.533	1.514	1.601
May	2.293	2.293	2.091	1.915	1.855	1.960	2.012	2.011	1.917	1.645	1.602	1.694
June	2.351	2.351	2.160	1.957	1.992	2.011	2.079	2.078	1.983	1.690	1.619	1.740
July	2.304	2.304	W	1.791	W	1.855	1.999	1.998	1.859	1.507	1.510	1.573

NA = Not available.

-- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015												
January	6.5	6.5	13.5	60.6	2.2	76.3	0.9	0.9	0.2	0.8	-	1.0
February	6.7	6.7	W	62.3	W	78.6	0.9	0.9	0.3	0.8	-	1.1
March	6.7	6.7	14.4	62.2	2.8	79.5	0.9	0.9	0.3	0.8	-	1.1
April	6.7	6.8	14.3	63.3	3.2	80.8	0.9	0.9	0.3	0.8	-	1.1
May	6.9	6.9	14.1	63.6	2.8	80.6	0.9	0.9	0.2	0.9	-	1.1
June	7.0	7.0	W	65.5	W	82.6	0.9	0.9	0.2	0.9	-	1.1
July	6.9	6.9	W	64.3	W	80.9	0.9	0.9	0.2	0.9	-	1.1
August	7.0	7.0	14.3	64.7	3.0	81.9	0.9	0.9	0.2	0.9	-	1.2
September	6.9	6.9	W	63.8	W	81.0	0.9	0.9	0.2	0.8	-	1.1
October	6.9	7.0	W	64.8	W	81.6	0.9	0.9	0.2	0.8	-	1.0
November	6.6	6.6	W	63.2	W	80.4	0.9	0.9	0.2	0.8	-	1.0
December	6.6	6.6	13.8	63.2	3.0	79.9	0.9	0.9	0.2	0.8	-	1.0
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016												
January	6.4	6.4	W	61.4	W	77.6	0.9	0.9	0.2	0.7	-	1.0
February	6.5	6.5	W	63.5	W	80.2	0.9	0.9	0.2	0.7	-	1.0
March	6.5	6.5	14.0	62.9	3.1	80.1	0.9	0.9	0.2	0.7	-	1.0
April	6.7	6.7	14.2	64.7	2.5	81.4	0.9	0.9	0.2	0.8	-	1.0
May	6.7	6.8	14.1	64.9	3.7	82.7	1.0	1.0	0.2	0.8	-	1.0
June	7.0	7.0	14.0	67.0	4.0	85.0	1.0	1.0	0.2	0.8	-	1.1
July	6.8	6.8	W	64.9	W	82.3	1.0	1.0	0.2	0.8	-	1.1

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015												
January	1.5	1.5	3.7	9.7	0.2	13.5	8.8	8.8	17.5	71.0	2.4	90.8
February	1.5	1.5	W	9.8	W	13.7	9.0	9.1	18.2	73.0	2.3	93.4
March	1.5	1.5	3.7	9.8	0.2	13.8	9.1	9.1	18.4	72.9	3.1	94.3
April	1.5	1.5	3.8	10.4	0.3	14.4	9.1	9.2	18.4	74.5	3.4	96.4
May	1.5	1.5	3.6	10.5	0.2	14.3	9.3	9.3	18.0	74.9	3.1	96.0
June	1.5	1.5	W	10.6	W	14.6	9.4	9.5	18.3	76.9	3.1	98.3
July	1.5	1.5	W	10.5	W	14.2	9.3	9.3	17.8	75.6	2.9	96.3
August	1.5	1.5	3.8	10.7	0.2	14.8	9.4	9.4	18.3	76.3	3.2	97.9
September	1.5	1.5	W	10.8	W	14.9	9.3	9.4	18.2	75.5	3.3	97.0
October	1.5	1.5	W	10.9	W	15.0	9.4	9.4	18.2	76.5	2.9	97.6
November	1.5	1.5	W	10.7	W	14.8	9.0	9.1	17.8	74.7	3.7	96.2
December	1.5	1.5	4.0	10.6	0.3	14.8	9.0	9.1	18.0	74.6	3.2	95.8
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016												
January	1.5	1.5	W	10.1	W	14.2	8.7	8.7	17.3	72.2	3.2	92.8
February	1.6	1.6	W	10.9	W	15.6	9.0	9.0	18.4	75.1	3.3	96.8
March	1.6	1.6	4.1	10.7	0.3	15.1	9.0	9.0	18.4	74.3	3.4	96.2
April	1.6	1.6	4.1	11.0	0.4	15.5	9.2	9.2	18.6	76.5	2.9	98.0
May	1.6	1.6	4.2	11.2	0.3	15.7	9.3	9.3	18.5	77.0	4.0	99.5
June	1.6	1.6	4.1	11.5	0.3	15.9	9.6	9.7	18.4	79.3	4.3	102.0
July	1.6	1.6	W	11.4	W	15.8	9.3	9.4	18.4	77.1	3.6	99.2

NA = Not available.

-- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1985	0.644	0.610	0.582	0.560	0.610	0.577
1986	0.372	0.328	0.317	0.289	0.343	0.305
1987	0.447	0.412	0.396	0.362	0.423	0.385
1988	0.372	0.333	0.300	0.271	0.334	0.300
1989	0.436	0.407	0.344	0.331	0.385	0.360
1990	0.505	0.472	0.400	0.372	0.444	0.413
1991	0.402	0.364	0.306	0.292	0.340	0.314
1992	0.389	0.351	0.312	0.286	0.336	0.308
1993	0.397	0.337	0.303	0.256	0.337	0.293
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015						
January	NA	0.936	1.192	1.038	1.264	1.023
February	NA	1.150	1.342	1.124	1.376	1.126
March	NA	1.093	1.436	1.131	1.465	1.126
April	1.704	1.124	1.465	1.114	1.516	1.114
May	NA	1.198	1.443	1.242	1.543	1.234
June	W	1.175	1.474	1.239	1.549	1.233
July	W	1.080	1.245	1.130	1.363	1.122
August	W	0.797	1.150	0.928	1.207	0.918
September	W	0.819	1.063	0.856	1.107	0.852
October	NA	0.812	1.041	0.840	1.094	0.836
November	W	0.766	1.001	0.791	1.043	0.787
December	W	0.552	0.861	0.639	0.919	0.633
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016						
January	W	0.477	0.641	0.502	0.710	0.499
February	NA	0.475	0.606	0.508	0.632	0.504
March	NA	0.582	0.672	0.555	0.693	0.558
April	W	0.633	0.734	0.614	0.782	0.616
May	W	0.729	0.868	0.722	0.922	0.723
June	W	0.850	0.911	0.823	0.983	0.825
July	W	0.876	0.958	0.834	1.043	0.835

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 17. U.S. refiner residual fuel oil volumes
million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1985	11.4	7.0	13.8	12.9	25.2	19.9
1986	15.2	7.9	16.4	10.7	31.6	18.6
1987	15.1	7.8	13.9	9.1	29.0	16.9
1988	14.2	8.7	15.9	10.3	30.2	18.9
1989	13.4	7.9	17.0	13.1	30.4	21.0
1990	11.1	7.4	14.9	10.5	25.9	17.9
1991	8.6	5.6	15.5	12.2	24.0	17.8
1992	7.1	5.2	15.3	10.0	22.4	15.2
1993	6.2	5.7	11.1	6.9	17.2	12.6
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015						
January	NA	1.0	3.1	5.5	3.6	6.5
February	NA	0.7	3.1	7.0	3.7	7.7
March	NA	1.0	3.2	6.8	3.5	7.8
April	1.0	0.6	3.6	7.0	4.6	7.6
May	NA	1.4	3.0	6.6	3.9	8.0
June	W	0.9	W	8.0	4.6	8.9
July	W	1.2	W	7.1	3.6	8.3
August	W	0.7	W	8.4	4.3	9.1
September	W	0.9	W	7.2	4.5	8.1
October	NA	1.2	2.9	7.0	3.7	8.2
November	W	1.2	W	6.8	4.4	8.0
December	W	0.6	W	8.3	4.0	8.9
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016						
January	W	1.0	W	8.3	4.1	9.3
February	NA	1.2	3.4	8.2	3.9	9.3
March	NA	0.7	3.3	8.5	4.1	9.2
April	W	1.2	W	7.8	4.2	9.0
May	W	1.3	W	8.6	3.9	9.9
June	W	0.6	W	8.3	3.8	8.9
July	W	0.3	W	7.6	4.1	7.9

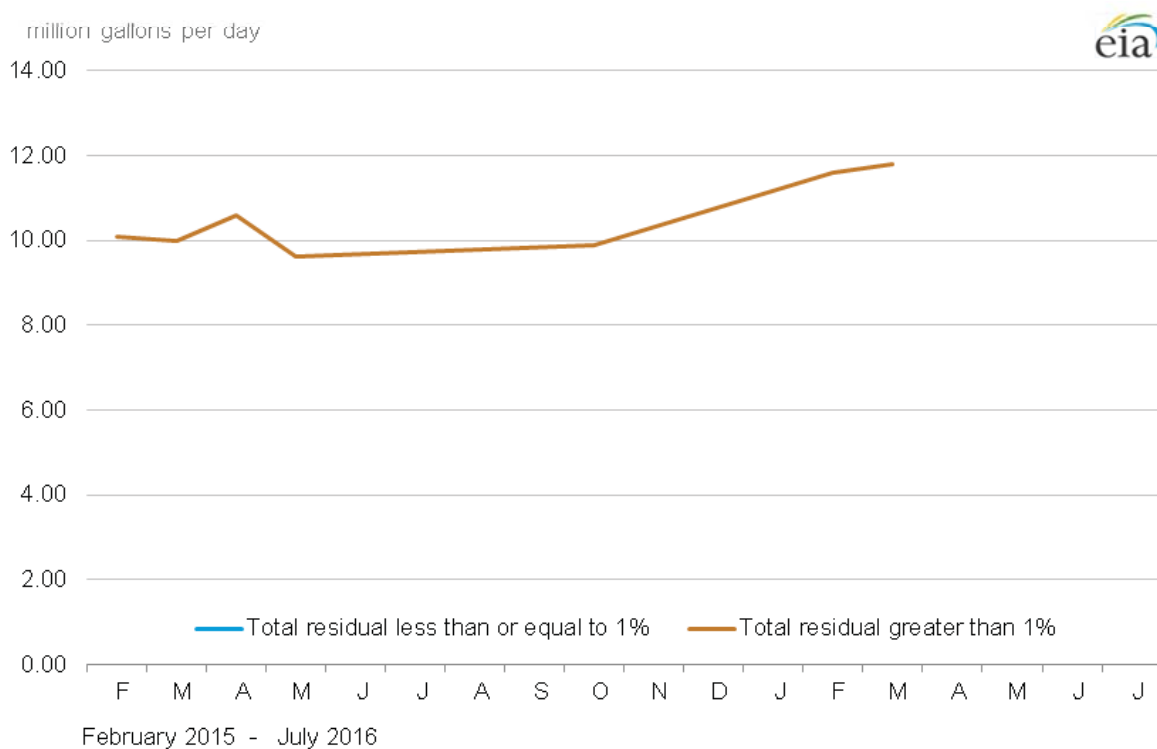
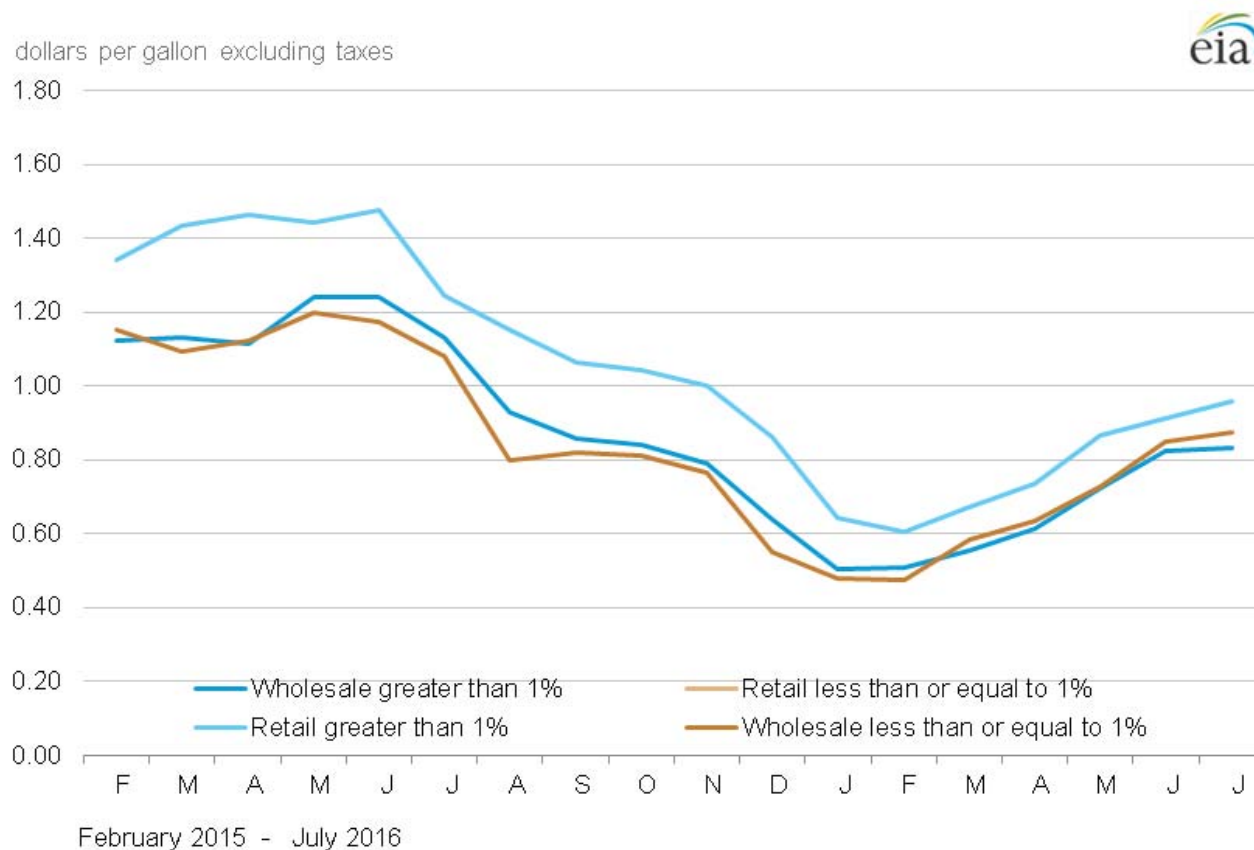
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 7. U.S. Refiner residual fuel oil prices and volumes



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices

dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1996	18.46	19.41	20.82	20.95	20.99	19.59	20.33	20.86	20.67	20.47	20.24	20.32	19.57
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014													
January	89.57	89.27	85.56	W	83.51	86.00	85.76	89.79	89.86	88.75	87.16	89.57	84.18
February	96.86	96.97	90.65	W	88.00	90.49	93.29	95.21	95.21	94.37	93.44	95.64	90.17
March	96.17	96.26	91.27	W	88.18	92.82	93.16	95.47	95.30	94.68	93.75	95.89	90.36
April	96.49	96.48	92.78	W	90.17	94.27	94.63	96.92	96.79	96.29	96.64	97.58	91.86
May	95.74	95.72	91.77	W	89.00	93.68	94.76	96.72	96.49	95.97	96.18	98.68	91.55
June	98.68	98.59	94.27	W	91.68	95.21	98.00	99.93	99.69	99.36	99.54	101.89	94.73
July	96.70	96.77	91.60	W	90.15	91.20	94.75	97.44	97.30	96.62	97.26	99.22	91.99
August	90.72	90.77	84.77	W	83.77	82.62	89.38	91.31	91.16	90.11	91.25	93.22	85.04
September	86.87	86.85	83.88	W	84.48	80.07	85.00	88.14	98.27	86.91	87.89	W	82.14
October	78.84	79.07	73.01	W	72.24	71.17	77.41	79.71	79.78	78.52	79.88	82.59	73.64
November	71.07	71.35	63.42	W	62.53	61.32	68.91	70.82	71.09	69.73	71.34	72.02	64.88
December	54.86	55.38	46.03	W	45.31	43.91	52.09	54.33	54.75	53.36	55.13	54.69	49.51
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015													
January	43.06	43.29	34.35	W	34.07	31.81	39.72	43.37	43.57	42.18	44.25	43.18	38.30
February	44.35	44.43	35.46	W	33.87	34.44	43.00	45.66	46.08	44.92	46.88	46.33	41.18
March	42.66	42.80	32.49	W	32.20	29.57	40.24	42.66	43.09	41.66	44.06	43.11	38.20
April	49.30	49.38	41.47	W	41.19	38.14	46.97	48.82	49.38	47.70	50.15	50.41	44.71
May	54.38	54.53	46.58	W	46.03	43.75	52.11	54.24	54.59	53.13	55.24	55.42	50.24
June	55.88	56.01	47.23	W	46.95	43.82	53.90	54.61	54.85	53.73	55.60	55.79	50.61
July	47.70	47.82	41.03	W	44.50	35.77	45.74	46.54	47.46	45.51	48.28	47.60	42.47
August	39.98	40.20	32.48	W	37.82	26.62	36.70	38.46	39.13	37.48	39.95	39.52	34.32
September	41.60	41.74	36.31	W	40.28	31.95	38.93	40.64	40.93	39.76	41.82	42.12	36.84
October	42.34	42.57	36.90	W	40.71	32.17	40.57	41.77	42.20	40.83	42.81	44.19	37.90
November	38.19	38.45	32.96	W	36.09	30.23	37.49	38.21	38.62	37.34	39.16	40.68	34.62
December	32.26	32.62	27.45	W	31.65	24.17	31.45	32.94	33.41	31.78	33.71	35.69	29.31
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016													
January	27.02	27.39	22.06	W	26.37	18.94	25.85	27.90	28.47	26.72	28.80	29.56	24.26
February	25.51	25.83	20.70	W	25.27	17.38	24.06	26.12	26.31	25.19	27.73	28.35	22.83
March	31.87	32.13	29.80	W	33.03	25.64	31.44	33.25	33.18	32.64	34.18	35.43	30.58
April	35.59	35.82	29.39	W	35.93	23.80	35.19	36.49	36.50	35.45	37.23	41.33	33.70
May	41.02	41.24	38.97	W	40.70	36.44	40.73	42.30	42.16	41.46	42.89	47.05	39.61
June	43.96	44.35	40.49	W	43.94	35.98	43.70	44.18	44.26	43.44	45.44	49.20	41.46
July	40.70	41.15	37.24	W	40.58	34.34	40.32	40.71	40.99	39.88	41.45	45.11	38.24

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 2 (cont.)				PAD District 3							Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	
1996	19.46	19.96	20.60	19.56	20.29	20.24	18.67	20.88	18.95	20.79	20.31	20.03
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014												
January	82.70	87.36	90.81	81.51	90.01	91.34	87.75	96.45	93.23	88.63	90.40	88.11
February	91.68	92.40	96.40	93.89	98.39	100.04	93.65	104.87	100.34	94.46	97.40	101.81
March	91.17	92.98	96.84	91.94	97.28	98.14	93.95	103.28	99.65	93.08	95.89	102.01
April	92.37	94.51	98.82	91.33	97.06	98.94	95.22	103.94	100.05	91.43	95.94	101.18
May	92.94	93.38	98.35	93.45	95.82	96.61	94.23	102.29	98.83	91.17	94.73	99.36
June	96.25	96.37	101.72	94.85	98.81	100.41	97.38	105.47	102.32	94.79	98.16	100.91
July	92.51	94.04	99.24	91.92	97.80	98.27	94.89	103.37	100.18	93.94	96.56	101.65
August	87.66	87.34	93.47	84.71	91.58	94.24	88.51	98.16	94.87	84.42	89.39	99.17
September	83.45	83.18	87.84	82.12	87.90	90.81	81.31	94.32	92.08	79.82	86.16	94.35
October	75.64	74.96	81.46	74.04	80.38	81.96	77.39	85.19	83.26	74.10	78.30	87.47
November	67.26	65.53	72.83	67.23	72.81	72.51	69.25	76.53	74.68	67.32	70.46	80.98
December	50.51	48.78	55.81	50.41	57.41	57.12	52.58	59.36	56.88	54.25	54.69	66.27
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015												
January	37.52	35.42	44.36	40.04	45.23	43.24	41.41	46.64	45.21	42.63	43.43	51.57
February	41.31	37.20	46.94	43.61	45.21	44.00	44.57	48.92	47.49	44.37	44.66	46.61
March	38.77	35.31	43.46	40.76	43.81	42.51	41.94	47.36	45.47	42.11	42.89	47.12
April	46.08	43.94	48.92	47.04	50.57	50.89	48.45	54.91	52.88	48.19	49.82	53.23
May	51.08	49.23	54.44	52.23	55.68	55.46	53.46	60.12	57.81	53.98	55.21	57.33
June	53.41	50.76	55.42	53.48	57.16	56.38	53.36	60.99	58.57	54.77	56.15	61.02
July	45.21	40.56	47.69	46.21	48.71	47.89	45.71	51.52	49.06	47.29	48.15	50.43
August	35.67	31.73	39.49	38.09	41.64	39.82	36.99	43.09	40.60	39.98	40.16	46.21
September	37.78	34.90	41.67	39.64	42.96	41.98	39.71	45.53	43.02	43.03	42.99	42.66
October	39.78	36.27	42.64	41.03	43.61	42.06	40.64	45.90	43.44	43.81	43.55	43.54
November	36.98	32.98	39.16	37.89	39.06	36.51	36.89	40.77	38.54	38.63	38.79	39.94
December	30.67	28.21	33.16	30.46	33.23	32.08	31.50	34.77	32.79	31.98	32.36	35.88
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016												
January	24.80	22.66	27.84	24.32	28.15	26.95	26.11	29.50	27.69	27.36	27.36	30.54
February	22.72	22.22	26.40	23.34	26.56	25.39	24.66	28.10	26.13	26.48	26.47	26.75
March	30.35	30.64	33.09	30.56	32.38	31.96	32.30	34.98	33.13	32.83	33.01	30.14
April	34.54	31.45	36.45	33.60	36.19	35.79	35.07	38.81	36.78	36.06	36.56	34.99
May	39.47	40.19	42.71	39.60	41.52	41.58	40.80	44.53	42.52	42.04	42.52	38.48
June	42.80	43.41	45.33	42.48	44.94	44.90	42.75	47.30	44.78	44.91	45.35	43.64
July	39.58	39.59	41.79	38.72	41.82	40.79	38.99	43.21	41.16	41.17	41.62	42.54

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 4					PAD District 5				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore CA
1996	19.85	20.47	18.89	21.10	19.56	15.73	15.32	18.43	16.72	13.82
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40
2014										
January	81.70	84.37	80.27	81.32	80.27	95.10	93.17	W	97.41	86.54
February	88.26	86.84	91.29	85.73	89.54	98.74	95.41	W	102.16	91.16
March	88.83	90.68	90.05	85.40	88.44	98.63	94.91	W	101.99	91.74
April	89.66	92.39	90.15	86.28	88.92	99.32	96.59	W	102.27	91.61
May	90.00	91.55	90.97	86.22	89.97	99.00	96.08	W	102.01	90.78
June	92.08	92.45	92.82	89.45	92.49	102.02	100.11	W	104.08	92.99
July	89.49	91.23	89.66	86.34	89.17	98.18	95.34	W	100.58	89.75
August	83.71	86.74	82.98	81.82	82.30	92.35	89.71	W	94.62	83.42
September	80.78	83.59	79.59	78.25	80.01	88.22	87.15	W	89.84	78.90
October	73.87	76.15	72.58	70.79	73.54	77.18	75.43	W	79.17	68.22
November	67.38	68.68	65.46	66.00	67.52	68.69	66.80	W	70.11	59.16
December	50.12	50.89	47.69	51.72	49.69	50.61	46.73	W	53.77	42.59
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55
2015										
January	37.74	38.53	36.91	38.04	37.17	41.49	39.32	W	42.93	32.04
February	40.07	39.84	39.99	38.69	40.85	44.85	43.03	W	47.02	35.65
March	39.44	38.68	37.38	46.04	38.32	43.10	40.44	W	44.95	34.68
April	45.38	44.75	45.26	47.87	44.96	49.19	48.06	W	50.81	41.17
May	49.59	49.20	50.06	47.65	50.60	54.40	51.76	W	56.91	47.26
June	51.20	50.17	52.07	49.40	52.51	55.59	53.38	W	57.25	W
July	44.39	44.05	44.21	43.26	45.14	47.61	45.53	W	49.17	W
August	34.91	34.97	34.89	33.78	35.33	39.29	35.53	W	41.66	W
September	36.94	38.12	36.88	35.87	36.40	41.17	39.15	W	42.87	W
October	38.92	39.75	38.92	36.71	39.09	40.52	38.70	W	42.20	W
November	35.76	36.81	36.08	34.23	35.49	36.41	34.30	W	38.38	W
December	30.01	31.21	29.89	29.88	29.19	30.07	26.92	W	32.95	W
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016										
January	24.42	24.17	23.92	26.10	24.13	24.57	21.65	W	27.15	W
February	23.93	23.18	22.16	28.06	23.45	23.42	20.89	W	25.75	W
March	30.86	31.64	29.68	32.68	29.89	30.56	28.12	W	32.89	W
April	34.19	35.40	33.38	33.38	33.68	33.97	32.02	W	35.69	W
May	39.74	41.31	38.90	38.42	39.16	39.59	37.81	W	41.31	W
June	42.95	44.07	41.90	42.01	42.69	40.17	37.90	W	42.12	W
July	39.67	41.59	38.35	38.29	39.06	36.36	33.32	W	38.76	W

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-182, "Domestic Crude Oil First Purchase Report."

Table 19. Domestic crude oil first purchase prices for selected crude streams

dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1996	15.32	15.97	15.70	-	-	-	20.96	19.49	-
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014									
January	93.17	96.00	94.96	96.73	89.39	91.99	90.21	89.55	86.53
February	95.41	100.89	99.88	105.38	104.77	101.11	96.71	95.69	92.80
March	94.91	100.44	99.63	103.09	103.07	100.60	94.65	94.33	91.81
April	96.59	101.28	100.30	102.45	103.26	100.08	94.68	93.46	92.07
May	96.08	100.68	99.46	101.40	102.00	97.26	93.53	92.62	92.44
June	100.11	103.03	101.87	102.96	104.88	99.79	97.40	96.48	94.38
July	95.34	99.38	98.05	103.76	103.08	99.86	95.67	95.35	91.18
August	89.71	93.13	91.99	100.00	98.31	95.54	87.67	85.86	84.78
September	87.15	89.12	87.92	95.84	95.53	93.28	83.51	83.58	81.66
October	75.43	78.35	77.15	87.72	86.41	84.57	76.99	75.66	74.43
November	66.80	69.41	68.01	89.09	78.17	85.47	69.63	69.68	68.99
December	46.73	52.85	51.58	65.53	62.03	65.79	54.89	56.49	50.86
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015									
January	39.32	41.97	40.79	50.41	48.48	48.22	43.25	44.06	38.71
February	43.03	46.13	44.95	47.99	48.64	44.90	44.76	45.56	41.67
March	40.44	44.28	43.17	49.05	47.53	45.35	43.00	43.38	38.72
April	48.06	50.32	48.22	54.66	54.87	55.90	49.12	49.59	45.97
May	51.76	55.26	54.54	59.83	59.84	56.27	54.50	55.62	51.35
June	53.38	56.53	55.31	62.74	61.14	61.07	55.48	56.75	52.63
July	45.53	48.18	47.00	45.87	52.31	51.65	47.79	49.93	45.51
August	35.53	40.85	39.85	45.22	44.30	43.76	40.13	41.61	36.68
September	39.15	42.92	40.65	43.57	45.02	40.47	42.78	44.38	38.82
October	38.70	41.31	40.33	45.13	42.33	41.32	43.46	45.28	40.49
November	34.30	37.43	36.32	40.45	40.48	37.03	38.82	39.84	37.63
December	26.92	31.80	30.33	35.60	34.92	32.90	32.23	32.99	30.93
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016									
January	21.65	26.39	24.98	30.14	29.26	27.73	27.32	28.66	25.36
February	20.89	24.58	23.07	28.27	27.36	23.93	26.52	27.48	25.09
March	28.12	31.85	31.35	33.12	34.04	28.54	32.75	33.67	32.31
April	32.02	34.66	34.11	37.79	37.78	32.97	36.19	36.63	35.94
May	37.81	40.15	39.20	42.27	43.19	37.12	42.18	42.34	41.89
June	37.90	40.44	39.12	46.40	46.25	41.60	44.98	45.30	44.57
July	33.32	37.10	37.22	43.12	42.93	40.20	41.24	41.68	40.98

- = No data reported.

R = Revised data.

Notes: - In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

Table 20. Domestic crude oil first purchase prices by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1996	16.01	18.61	15.35	19.97	20.23	20.91
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014						
January	93.98	96.24	91.42	92.71	90.01	87.95
February	98.33	101.22	94.36	100.74	97.23	95.85
March	98.98	100.83	93.77	99.62	95.56	95.01
April	98.87	101.98	95.35	98.83	95.71	95.91
May	98.28	101.50	95.06	97.33	94.67	95.25
June	100.49	103.84	98.96	100.14	98.07	98.53
July	96.90	100.13	94.13	99.79	96.02	95.93
August	90.57	93.95	88.18	94.03	88.81	90.33
September	86.68	88.00	86.13	90.89	84.85	85.80
October	76.09	79.34	75.11	82.87	77.72	78.17
November	67.34	70.91	66.56	77.34	70.35	70.14
December	50.48	54.60	46.60	61.48	54.91	53.32
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015						
January	39.71	43.76	38.68	48.02	43.13	40.87
February	43.58	47.53	42.55	46.40	44.82	43.58
March	42.35	44.43	40.02	46.14	42.85	41.39
April	47.96	51.00	47.49	52.96	49.34	48.87
May	54.11	57.30	51.45	57.21	54.69	54.04
June	56.18	57.25	53.28	59.88	55.73	55.41
July	47.95	49.38	45.38	47.99	47.99	46.86
August	40.76	41.02	35.09	43.65	40.15	38.18
September	42.34	42.74	38.20	42.93	42.52	40.81
October	41.25	42.49	38.34	44.48	43.00	41.79
November	37.26	38.86	33.90	39.32	38.94	37.79
December	31.39	34.15	26.70	34.00	32.56	31.65
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016						
January	26.13	27.33	21.54	28.96	27.31	26.41
February	24.37	25.95	20.75	26.67	26.41	24.81
March	31.93	33.32	27.70	31.90	32.98	31.97
April	34.72	35.99	31.68	35.92	36.51	35.82
May	40.00	41.97	37.41	40.94	42.41	41.44
June	40.44	43.04	37.93	44.51	45.16	44.46
July	37.34	39.42	33.47	41.82	41.55	40.97

R = Revised data.

Notes: - In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

Table 21. F.O.B.[a] costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1996	20.71	21.33	19.14	21.27	19.28	19.43	17.73	19.22	18.94	19.65
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014										
January	W	95.84	89.30	-	99.21	-	89.69	98.44	94.85	87.56
February	W	96.04	91.77	-	102.26	-	92.88	100.70	97.51	89.73
March	W	W	91.38	W	101.25	-	92.27	100.67	97.19	90.59
April	W	98.61	93.22	W	99.76	-	95.26	99.02	99.15	90.49
May	W	98.75	95.31	-	100.58	-	96.67	98.89	98.29	94.58
June	W	99.03	98.20	-	104.95	-	98.19	102.49	100.67	95.67
July	W	100.11	94.65	-	105.25	-	92.45	103.81	97.43	91.37
August	W	92.38	91.17	-	99.74	-	89.22	98.95	93.30	86.68
September	W	86.08	88.50	-	94.98	-	83.20	93.59	88.39	83.11
October	W	72.47	79.79	-	85.77	-	74.19	85.04	79.29	75.20
November	W	70.25	71.87	-	W	-	65.55	W	71.14	65.49
December	W	50.95	53.20	-	W	-	45.33	60.65	52.49	48.59
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015										
January	-	42.49	41.19	-	48.14	-	37.99	52.21	42.64	38.89
February	W	50.79	48.12	W	47.92	-	45.85	47.70	47.31	42.43
March	W	47.25	46.89	-	50.64	-	43.51	49.75	45.54	42.63
April	W	54.95	50.49	-	58.95	-	49.03	53.33	50.55	47.41
May	W	56.30	56.80	-	61.80	-	51.99	59.55	54.95	53.59
June	W	56.42	56.78	-	58.31	-	50.34	58.57	54.06	53.70
July	W	46.62	50.71	-	W	-	44.44	50.42	46.61	45.55
August	W	42.35	40.40	-	43.38	-	35.47	43.01	38.21	36.62
September	W	W	40.50	-	44.50	-	36.23	43.87	39.81	35.06
October	W	41.56	40.18	-	42.51	-	37.77	40.68	39.33	36.02
November	-	W	36.16	-	39.87	-	31.68	38.17	33.98	33.30
December	W	28.98	30.12	W	34.75	-	24.91	33.79	29.35	27.57
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016										
January	W	W	24.12	W	26.24	-	20.73	25.73	25.05	22.45
February	W	24.91	24.50	37.83	27.46	-	22.57	26.58	27.01	23.35
March	35.33	30.47	29.01	W	34.14	-	27.15	32.32	31.35	28.40
April	W	33.57	30.79	W	37.13	-	29.07	35.67	34.08	31.95
May	W	39.00	39.04	W	42.44	W	36.65	40.55	40.51	R37.05
June	49.56	41.64	R42.27	R48.79	R45.16	-	R39.33	R43.77	R43.73	R40.33
July	45.00	36.91	40.27	-	42.17	-	36.86	40.84	39.93	39.16

-- No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007-present), Ecuador (January 2008-present), Gabon (July 2016-present), Indonesia (1996-2008 and January 2016-present), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 22. Landed costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1996	21.86	19.94	22.02	19.64	21.95	20.49	20.88	18.59	20.45	20.14	20.47
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014											
January	W	78.21	97.87	90.85	-	101.30	-	92.53	100.18	98.30	84.91
February	110.96	87.98	98.59	92.92	W	102.62	W	95.33	101.54	100.41	91.27
March	107.52	89.40	98.71	92.44	W	102.15	-	94.63	101.68	100.36	92.15
April	108.70	89.01	99.68	94.01	W	102.48	W	97.08	102.07	101.81	91.99
May	W	91.77	101.24	96.12	W	103.03	-	98.35	102.03	101.54	94.96
June	W	93.03	102.61	99.36	-	104.11	W	99.78	102.78	102.39	97.01
July	W	90.27	101.68	95.61	-	103.01	W	94.12	102.39	100.17	94.03
August	103.69	83.93	95.70	92.07	-	98.80	-	91.64	99.98	97.19	88.15
September	99.49	81.27	91.03	89.25	-	93.39	-	84.78	93.81	91.07	85.08
October	90.74	76.38	80.37	80.42	W	79.85	W	75.72	83.84	82.50	78.56
November	80.21	66.85	73.37	73.18	W	72.72	-	67.59	75.10	73.17	69.65
December	61.33	50.82	56.17	53.54	W	58.56	W	47.86	62.29	58.35	52.75
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015											
January	W	40.45	45.47	41.68	W	50.12	-	40.08	53.01	48.17	42.31
February	W	42.39	53.40	48.29	W	52.44	-	47.93	52.20	51.44	44.86
March	W	41.71	51.25	47.62	W	55.23	W	45.90	54.30	51.13	44.82
April	W	46.67	57.48	52.13	-	59.92	W	52.17	56.99	55.39	49.79
May	60.84	54.06	59.92	57.32	W	62.06	W	53.78	60.92	59.11	55.97
June	61.45	55.42	58.21	57.46	W	58.40	-	52.43	58.17	56.79	56.69
July	53.22	47.98	51.58	51.25	W	51.62	-	46.74	51.93	50.45	49.42
August	54.02	38.29	43.87	41.94	-	45.24	W	38.75	45.70	43.17	40.41
September	53.46	35.29	42.87	40.71	W	44.89	-	37.91	44.94	43.31	37.82
October	47.49	37.64	42.37	40.67	W	42.09	W	39.55	41.81	41.57	39.41
November	47.56	35.67	39.70	36.73	W	39.62	-	33.79	39.43	37.86	36.68
December	38.54	30.25	32.50	30.54	W	34.13	W	26.73	34.33	32.60	30.91
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016											
January	34.83	26.21	26.23	24.82	W	31.07	-	21.64	30.92	28.98	26.25
February	33.04	24.61	26.32	25.19	39.44	31.86	W	23.49	30.69	29.49	25.42
March	36.68	29.40	33.38	29.65	42.86	36.19	W	28.70	34.60	33.87	30.39
April	40.91	34.18	36.71	31.91	W	39.75	-	31.20	38.00	36.78	34.42
May	49.14	38.43	42.28	39.67	W	R43.46	W	R38.14	R42.56	R42.48	R39.55
June	R49.06	R42.02	R43.88	R42.50	R51.05	R45.98	-	R40.04	R44.95	R44.85	R42.69
July	46.58	39.77	41.12	40.68	W	43.49	W	37.90	42.29	41.53	40.69

-- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007-present), Ecuador (January 2008-present), Gabon (July 2016-present), Indonesia (1996-2008 and January 2016-present), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 23. F.O.B.[a] costs of imported crude oil by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1996	16.01	17.26	19.90	20.04	21.20	21.00	21.59
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014							
January	86.93	83.49	93.15	98.22	97.42	102.57	W
February	90.67	85.80	96.82	101.40	101.98	W	-
March	89.67	86.02	98.15	101.97	104.46	103.28	-
April	92.76	87.73	100.07	101.07	104.15	W	-
May	95.39	91.32	98.08	101.36	104.94	110.48	-
June	95.80	92.70	102.70	103.39	109.94	W	-
July	90.57	88.94	98.17	102.70	102.15	W	W
August	87.37	84.81	95.61	97.30	98.08	95.08	-
September	81.86	81.15	91.02	91.93	94.44	W	-
October	72.91	73.63	83.56	82.96	86.00	W	-
November	64.88	64.56	69.33	73.47	75.64	W	-
December	44.92	46.81	60.73	57.74	56.26	W	-
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015							
January	36.12	37.19	40.56	48.26	44.79	-	-
February	43.24	40.73	51.51	47.81	49.30	-	-
March	41.68	40.74	47.13	49.07	50.01	W	-
April	47.47	44.71	52.40	55.26	54.20	W	-
May	50.76	50.63	57.31	61.11	60.60	-	-
June	51.61	51.06	56.49	58.88	60.35	W	W
July	43.79	43.36	48.56	51.62	54.06	W	-
August	34.73	34.10	38.43	44.65	44.58	-	-
September	34.74	32.70	41.60	44.02	44.32	-	W
October	35.75	34.14	40.94	44.34	46.13	-	-
November	30.81	31.02	34.68	40.92	42.87	W	-
December	25.06	24.39	31.91	35.43	36.94	-	-
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016							
January	20.34	20.28	25.86	27.81	31.02	-	W
February	22.26	21.01	27.87	28.75	31.81	-	W
March	26.57	26.35	30.41	35.27	36.02	-	43.97
April	29.03	29.59	36.10	37.76	40.99	W	W
May	35.85	R35.32	40.01	45.82	44.77	-	W
June	R39.85	R38.03	43.98	R46.85	R46.55	48.02	W
July	37.24	36.49	40.31	42.95	45.53	46.82	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 24. Landed costs of imported crude oil by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1996	17.18	18.11	20.53	20.87	21.74	21.71	22.28
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014							
January	88.49	80.07	96.77	99.49	96.09	106.41	W
February	94.95	86.87	98.77	102.96	100.62	106.10	W
March	93.24	87.49	99.78	102.89	102.86	104.29	W
April	95.83	88.31	101.12	102.81	102.92	111.19	W
May	96.41	91.10	102.57	103.18	104.26	110.50	W
June	98.51	93.45	101.68	104.16	109.58	111.80	W
July	93.60	90.52	100.94	103.89	105.20	102.75	W
August	88.72	85.78	98.72	99.39	97.31	97.58	W
September	83.96	82.69	93.68	93.04	94.51	89.01	W
October	76.17	76.02	83.55	85.38	87.35	83.14	-
November	68.63	67.78	72.58	75.59	76.43	74.50	W
December	49.52	50.87	60.87	61.55	57.66	59.85	-
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015							
January	40.03	39.79	52.17	50.77	47.48	53.39	W
February	45.77	43.20	51.82	51.89	51.56	48.84	-
March	45.13	42.48	51.32	52.91	50.05	51.66	-
April	50.79	47.45	55.10	57.95	54.76	53.56	-
May	54.00	52.93	58.54	62.19	62.56	W	-
June	54.56	54.32	57.64	59.85	61.64	62.71	W
July	47.27	47.50	51.18	53.06	54.59	54.54	-
August	38.84	37.49	42.89	47.05	48.15	W	-
September	37.30	35.30	43.82	46.06	45.39	W	W
October	38.40	37.27	41.77	44.08	46.40	W	W
November	34.27	33.76	38.97	41.62	45.33	45.46	W
December	29.10	27.95	36.64	35.93	39.34	43.39	W
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016							
January	22.58	23.84	28.81	32.26	33.96	W	W
February	24.13	23.07	29.89	31.52	32.78	W	W
March	28.88	28.55	34.07	36.42	36.45	W	46.17
April	31.16	31.97	38.03	39.58	41.82	42.79	W
May	R38.32	R37.95	R44.04	R44.45	45.26	47.93	W
June	R40.91	R40.43	R44.94	R47.24	R48.28	R50.67	W
July	38.48	38.17	42.72	44.46	47.95	47.84	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

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Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 25. Percentages of total imported crude oil by API gravity
percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1996	4.58	20.88	14.69	32.92	23.51	1.95	1.47
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014							
January	18.22	31.26	8.08	33.63	7.74	W	W
February	14.59	37.06	8.29	33.78	5.57	W	W
March	17.75	34.80	9.52	30.10	6.65	W	W
April	14.40	36.41	9.18	31.60	6.71	W	W
May	17.80	33.53	13.23	27.28	7.11	W	W
June	19.31	36.54	12.24	24.58	6.06	W	W
July	18.47	38.77	9.95	25.50	6.77	W	W
August	20.99	39.45	11.15	20.00	7.76	W	W
September	21.17	38.60	11.29	19.85	8.77	W	W
October	20.75	36.05	7.04	26.57	8.96	0.62	-
November	21.89	38.01	7.18	23.83	8.59	W	W
December	16.87	40.86	9.99	26.09	5.54	0.66	-
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015							
January	16.01	41.24	7.33	27.28	7.14	W	W
February	15.02	41.48	10.70	24.13	8.33	0.35	-
March	20.31	36.19	10.31	27.60	4.57	1.02	-
April	20.36	37.95	11.27	24.61	5.66	0.14	-
May	18.26	34.55	9.80	28.26	W	W	-
June	24.33	32.26	9.67	25.44	6.81	W	W
July	20.21	37.46	8.62	24.09	8.84	0.78	-
August	23.42	36.61	W	24.31	7.75	W	-
September	22.05	35.89	8.69	25.82	7.37	W	W
October	18.60	38.33	7.98	28.55	6.42	W	W
November	18.22	40.95	7.08	26.93	6.57	W	W
December	17.11	43.82	4.57	26.79	7.52	W	W
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016							
January	14.71	40.07	8.07	28.10	7.60	W	W
February	17.17	40.06	6.89	27.08	7.43	W	W
March	15.82	40.58	6.44	28.91	7.03	W	W
April	15.37	40.60	5.96	26.65	8.75	W	W
May	R15.79	R44.06	R8.63	R21.40	R7.77	W	W
June	R16.36	R38.34	R9.82	R23.02	R7.53	W	W
July	16.28	42.28	10.56	20.08	8.83	W	W

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R = Revised data.

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Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams
dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2004	29.31	-	30.11	-	-
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014					
January	W	95.18	87.17	-	W
February	77.47	W	90.01	-	W
March	80.29	W	90.13	W	W
1st quarter average	77.01	96.51	89.11	W	W
April	82.01	W	93.03	-	W
May	W	95.87	94.89	-	97.79
June	W	99.94	97.86	-	W
2nd quarter average	82.13	97.41	95.37	-	98.37
July	W	100.80	94.33	-	W
August	-	W	91.10	-	W
September	W	90.98	88.13	-	W
3rd quarter average	W	96.16	91.23	-	W
October	W	83.93	78.85	-	W
November	-	-	71.43	-	W
December	W	W	52.52	-	W
4th quarter average	W	75.60	67.51	-	W
2014	75.42	92.96	85.83	W	89.86
2015					
January	W	W	40.11	-	W
February	W	-	47.31	-	48.13
March	W	W	45.67	-	45.61
1st quarter average	W	W	44.26	-	44.61
April	W	49.72	49.53	-	49.85
May	W	W	55.16	-	W
June	W	W	56.63	-	W
2nd quarter average	W	52.99	53.57	-	54.93
July	W	W	50.53	-	W
August	W	-	40.55	-	W
September	-	W	39.50	-	W
3rd quarter average	W	W	43.64	-	W
October	-	W	39.14	-	W
November	-	W	35.36	-	W
December	-	W	28.74	W	W
4th quarter average	-	W	34.73	W	W
2015	W	47.59	43.49	W	43.82
2016					
January	-	24.24	24.21	W	W
February	-	W	24.84	W	W
March	-	W	29.22	-	W
1st quarter average	-	26.69	26.05	W	W
April	-	W	30.95	W	W
May	-	W	39.08	W	38.57
June	-	W	R42.43	-	R42.02
2nd quarter average	-	W	R37.45	W	R38.53
July	-	W	40.43	-	40.28

- = No data reported.

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R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 27. Landed costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2004	-	-	30.88	-	30.54
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014					
January	-	W	68.90	80.93	71.67
February	-	-	84.26	91.25	80.63
March	-	-	82.31	94.88	84.03
1st quarter average	-	W	78.71	88.20	79.06
April	-	-	82.85	93.79	86.06
May	-	-	85.93	97.06	85.05
June	-	W	89.46	100.46	90.85
2nd quarter average	-	W	85.85	96.66	86.41
July	-	W	87.58	97.24	91.55
August	-	W	78.67	88.70	89.92
September	-	-	78.67	86.44	89.53
3rd quarter average	-	W	81.85	89.52	90.54
October	-	W	74.96	80.27	78.73
November	-	W	67.16	68.32	W
December	-	-	49.21	52.01	W
4th quarter average	-	W	63.22	66.05	63.85
2014	-	93.08	76.90	85.10	81.87
2015					
January	-	W	35.54	44.11	W
February	-	W	39.38	45.40	40.02
March	-	-	38.53	45.13	43.08
1st quarter average	-	W	37.94	44.85	43.09
April	-	-	43.05	51.51	41.52
May	-	W	49.96	57.72	44.60
June	W	-	54.33	57.62	W
2nd quarter average	W	W	48.87	56.24	47.98
July	-	W	46.98	50.29	W
August	-	-	33.33	44.39	W
September	-	-	30.50	42.33	W
3rd quarter average	-	W	37.08	45.99	W
October	-	W	36.11	43.83	W
November	-	-	31.42	44.27	W
December	-	W	26.11	37.58	W
4th quarter average	-	W	31.39	42.37	W
2015	W	47.77	38.90	47.18	38.51
2016					
January	W	W	21.81	29.17	W
February	-	-	20.43	28.12	W
March	W	-	28.79	34.53	W
1st quarter average	W	W	24.28	30.06	W
April	-	-	30.15	38.30	W
May	W	-	35.84	42.53	W
June	W	-	39.70	46.22	W
2nd quarter average	W	-	36.48	42.16	W
July	W	-	36.70	44.75	W

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2004	36.34	-	-	31.01	41.16
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014					
January	98.85	94.03	96.74	88.29	-
February	101.73	99.31	98.18	91.06	-
March	W	100.36	100.65	90.78	-
1st quarter average	100.97	97.19	98.43	90.04	-
April	104.56	W	100.42	93.76	-
May	104.00	W	100.45	95.68	-
June	105.36	101.91	101.06	98.83	-
2nd quarter average	104.46	100.75	100.67	96.19	-
July	100.36	101.61	101.97	95.10	-
August	97.73	92.87	100.68	91.78	-
September	92.39	88.43	94.12	88.80	-
3rd quarter average	96.30	94.26	98.91	91.86	-
October	85.17	83.44	90.49	79.19	-
November	71.01	W	W	72.26	-
December	58.52	W	73.33	52.88	W
4th quarter average	70.37	72.13	83.49	68.15	W
2014	91.65	93.11	96.95	86.49	W
2015					
January	46.44	W	66.83	40.70	-
February	51.98	W	W	47.69	-
March	50.68	45.89	W	46.42	-
1st quarter average	49.51	44.66	60.44	44.80	-
April	54.79	W	49.93	51.18	-
May	60.87	-	55.30	56.00	W
June	60.38	56.96	56.75	56.70	W
2nd quarter average	58.79	55.92	53.24	54.47	66.10
July	54.90	W	54.12	51.25	-
August	45.21	W	W	42.29	-
September	45.10	41.06	46.17	39.99	-
3rd quarter average	48.62	42.48	50.53	44.39	-
October	45.33	40.83	41.74	39.72	-
November	40.56	W	38.67	36.05	-
December	34.83	26.47	35.18	29.28	W
4th quarter average	40.43	35.41	39.39	35.21	W
2015	49.65	41.84	49.50	44.08	59.92
2016					
January	28.35	26.72	30.55	25.03	W
February	28.24	28.25	27.65	25.46	-
March	35.40	30.07	33.26	29.82	-
1st quarter average	31.19	28.06	30.47	26.83	W
April	38.81	33.81	34.37	31.81	-
May	42.31	39.83	R43.44	R39.77	-
June	45.43	43.56	R43.99	R42.81	-
2nd quarter average	42.15	39.17	R40.51	R38.08	-
July	42.50	38.51	W	40.79	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2004	-	38.01	36.34	-	-
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014					
January	-	101.94	99.77	103.52	W
February	-	104.36	100.30	W	W
March	W	103.81	100.87	W	W
1st quarter average	W	103.28	100.35	103.86	W
April	-	102.53	102.15	104.43	W
May	-	102.92	102.88	105.28	99.60
June	-	106.38	102.08	109.66	W
2nd quarter average	-	103.57	102.36	106.05	100.10
July	-	105.51	101.74	109.18	W
August	-	100.24	98.17	104.01	W
September	-	94.71	91.16	98.66	W
3rd quarter average	-	99.35	98.28	102.65	W
October	-	83.36	76.92	89.12	W
November	-	77.88	70.05	79.15	W
December	-	59.88	61.39	W	W
4th quarter average	-	72.95	70.79	80.78	W
2014	W	96.83	94.47	96.68	91.73
2015					
January	-	50.32	50.36	48.87	W
February	-	52.19	51.84	54.93	50.43
March	-	54.29	55.42	W	47.50
1st quarter average	-	52.51	52.97	53.62	46.64
April	-	60.47	58.31	W	52.11
May	-	64.06	60.34	W	W
June	-	59.88	56.99	W	W
2nd quarter average	-	61.34	58.52	W	57.02
July	-	52.08	51.47	53.96	W
August	-	45.49	44.58	47.02	W
September	-	45.63	43.42	49.25	W
3rd quarter average	-	47.47	46.99	49.89	W
October	-	42.07	41.44	48.22	W
November	-	40.40	37.13	45.59	W
December	W	35.37	32.36	W	W
4th quarter average	W	39.55	36.92	45.64	W
2015	W	50.00	48.66	52.83	45.77
2016					
January	W	30.95	31.18	W	W
February	W	31.66	31.36	33.68	W
March	-	36.80	35.39	36.48	30.21
1st quarter average	W	33.11	33.09	34.54	26.18
April	W	40.26	38.92	41.25	W
May	W	R44.02	R41.76	47.00	39.92
June	-	R46.85	R44.56	R48.04	R42.92
2nd quarter average	W	R43.57	R41.65	R45.19	R39.49
July	-	43.35	42.90	46.92	41.62

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Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	
United States												
July 2016	1.729	1.737	1.442	2.025	1.869	1.625	2.225	1.960	1.800	1.804	1.767	1.489
June 2016	1.901	1.798	1.598	2.123	1.883	1.776	2.319	2.011	1.962	1.962	1.820	1.643
July 2015	2.267	2.182	2.017	2.595	NA	2.222	2.756	2.391	2.480	2.340	2.207	2.072
PAD District 1												
July 2016	1.612	1.418	1.366	1.863	W	1.544	2.083	W	1.731	1.681	1.445	1.412
June 2016	1.728	1.573	1.525	1.959	W	1.709	2.170	W	1.885	1.792	1.580	1.570
July 2015	2.094	1.956	1.885	2.297	W	2.063	2.505	W	2.333	2.151	1.981	1.939
Subdistrict 1A												
July 2016	W	W	1.428	W	-	1.550	W	-	1.767	W	W	1.471
June 2016	W	W	1.581	W	-	1.697	W	-	1.913	W	W	1.622
July 2015	W	W	1.999	W	-	2.125	W	-	2.374	W	W	2.043
Connecticut												
July 2016	-	W	1.430	-	-	1.562	-	-	1.790	-	W	1.483
June 2016	-	W	1.584	-	-	1.705	-	-	1.937	-	W	1.634
July 2015	-	W	2.008	-	-	2.113	-	-	2.395	-	W	2.062
Maine												
July 2016	-	-	1.459	-	-	W	-	-	W	-	-	1.483
June 2016	-	-	1.601	-	-	W	-	-	W	-	-	1.623
July 2015	-	-	2.008	-	-	W	-	-	W	-	-	2.032
Massachusetts												
July 2016	W	-	1.425	W	-	1.494	W	-	1.725	W	-	1.469
June 2016	W	-	1.585	W	-	1.674	W	-	1.872	W	-	1.628
July 2015	W	-	1.994	W	-	2.111	W	-	2.344	W	-	2.042
New Hampshire												
July 2016	W	-	W	W	-	-	W	-	W	W	-	W
June 2016	W	-	W	W	-	-	W	-	W	W	-	W
July 2015	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
July 2016	W	-	W	W	-	W	W	-	W	W	-	W
June 2016	W	-	W	W	-	1.671	W	-	W	W	-	W
July 2015	W	-	W	W	-	W	W	-	W	W	-	W
Vermont												
July 2016	-	-	1.404	-	-	W	-	-	1.651	-	-	1.434
June 2016	-	-	1.538	-	-	W	-	-	1.795	-	-	1.569
July 2015	-	-	1.965	-	-	W	-	-	W	-	-	1.989
Subdistrict 1B												
July 2016	1.658	W	1.381	1.887	W	1.535	2.087	W	1.688	1.738	W	1.423
June 2016	1.744	W	1.533	1.959	W	1.678	2.155	W	1.822	1.819	W	1.572
July 2015	2.142	W	1.928	2.349	W	2.089	2.538	W	2.348	2.213	W	1.981
Delaware												
July 2016	W	-	1.390	W	-	1.507	W	-	1.618	W	-	1.415
June 2016	W	-	1.554	W	-	1.652	W	-	1.751	W	-	1.576
July 2015	W	-	1.964	W	-	2.134	W	-	2.353	W	-	2.005
District of Columbia												
July 2016	-	-	-	-	-	-	-	-	-	-	-	-
June 2016	-	-	-	-	-	-	-	-	-	-	-	-
July 2015	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
July 2016	-	W	1.383	-	W	1.498	-	W	1.687	-	W	1.428
June 2016	-	W	1.562	-	W	1.662	-	W	1.847	-	W	1.602
July 2015	-	W	1.946	-	W	2.079	-	W	2.371	-	W	2.005
New Jersey												
July 2016	W	-	1.363	W	-	1.534	W	-	1.629	W	-	1.401
June 2016	W	-	1.521	W	-	1.686	W	-	1.772	W	-	1.555
July 2015	W	W	1.928	W	-	2.099	W	-	2.328	W	W	1.979
New York												
July 2016	1.699	W	1.415	1.921	-	1.672	2.111	-	1.752	1.780	W	1.473
June 2016	1.764	-	1.546	1.973	-	1.762	2.163	-	1.867	1.840	-	1.598
July 2015	2.155	-	1.952	2.366	-	2.128	2.551	-	2.383	2.228	-	2.019
Pennsylvania												
July 2016	W	-	1.367	W	-	1.524	W	-	1.683	W	-	1.396
June 2016	W	-	1.515	W	-	1.662	W	-	1.813	W	-	1.542
July 2015	W	W	1.884	W	-	2.052	W	-	2.291	W	W	1.920

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
July 2016	W	1.427	1.350	W	NA	1.547	W	-	1.755	W	1.451	1.398
June 2016	W	1.574	1.514	W	W	1.721	W	W	1.924	W	1.577	1.562
July 2015	W	1.945	1.846	W	W	2.046	W	W	2.319	W	1.974	1.902
Florida												
July 2016	W	W	1.388	W	-	1.628	W	-	1.788	W	W	1.439
June 2016	W	W	1.526	W	W	1.773	W	W	1.941	W	W	1.578
July 2015	W	W	1.866	W	-	2.148	W	-	2.353	W	W	1.929
Georgia												
July 2016	W	W	1.332	W	-	1.490	W	-	1.766	W	W	1.381
June 2016	W	W	1.499	W	-	1.659	W	-	1.937	W	W	1.548
July 2015	W	W	1.872	W	-	2.012	W	-	2.322	W	W	1.923
North Carolina												
July 2016	W	W	1.312	W	-	1.530	W	-	1.710	W	W	1.357
June 2016	W	W	1.486	W	-	1.720	W	-	1.900	W	W	1.533
July 2015	W	W	1.787	W	-	1.975	W	W	2.251	W	W	1.839
South Carolina												
July 2016	W	W	1.313	W	NA	1.526	W	-	1.710	W	W	1.352
June 2016	W	-	1.481	W	NA	1.708	W	-	1.888	W	NA	1.523
July 2015	W	W	1.786	W	W	2.004	W	-	2.259	W	W	1.836
Virginia												
July 2016	W	-	1.369	W	-	1.523	W	-	1.743	W	-	1.418
June 2016	W	-	1.555	W	-	1.701	W	-	1.917	W	-	1.603
July 2015	W	W	1.894	W	-	2.048	W	-	2.354	W	W	1.953
West Virginia												
July 2016	W	-	1.360	W	-	1.543	W	-	1.808	W	-	1.387
June 2016	W	-	1.574	W	-	1.777	W	-	2.039	W	-	1.602
July 2015	W	-	1.829	W	-	2.061	W	-	2.270	W	-	1.857
PAD District 2												
July 2016	1.638	1.748	1.412	1.885	W	1.574	2.135	W	1.870	1.678	1.779	1.453
June 2016	1.953	1.824	1.617	2.171	W	1.759	2.419	W	2.064	1.989	1.849	1.657
July 2015	2.121	2.225	1.918	2.316	W	2.100	2.499	2.471	2.432	2.150	2.253	1.965
Illinois												
July 2016	W	1.801	1.428	W	-	1.599	W	-	1.989	W	1.801	1.484
June 2016	W	1.876	1.689	W	-	1.827	W	-	2.159	W	1.876	1.738
July 2015	W	2.297	1.964	W	-	2.096	W	-	2.505	W	2.297	2.020
Indiana												
July 2016	W	W	1.374	W	-	1.609	W	-	1.906	W	W	1.416
June 2016	W	W	1.641	W	-	1.859	W	-	2.109	W	W	1.678
July 2015	W	W	1.885	W	-	2.123	W	-	2.401	W	W	1.925
Iowa												
July 2016	-	W	1.386	-	-	1.537	-	-	1.731	-	W	1.434
June 2016	-	W	1.539	-	-	1.710	-	-	1.978	-	W	1.595
July 2015	-	W	1.935	-	-	2.127	-	-	2.538	-	W	2.015
Kansas												
July 2016	W	W	1.399	W	W	1.602	-	-	1.750	W	W	1.429
June 2016	W	W	1.534	W	W	1.760	-	-	1.924	W	W	1.568
July 2015	W	W	1.920	W	W	2.116	-	-	2.377	W	W	1.953
Kentucky												
July 2016	W	W	1.444	W	-	1.621	W	-	1.935	W	W	1.477
June 2016	W	W	1.682	W	-	1.845	W	W	2.155	W	W	1.713
July 2015	W	W	1.922	W	-	2.101	W	W	2.389	W	W	1.954
Michigan												
July 2016	W	W	1.499	W	-	1.785	W	W	2.103	W	W	1.544
June 2016	W	W	1.734	W	-	1.982	W	W	2.299	W	W	1.773
July 2015	W	W	1.967	W	-	2.159	W	W	2.471	W	W	2.003
Minnesota												
July 2016	W	W	1.380	W	W	1.491	W	W	1.672	W	W	1.409
June 2016	W	W	1.526	W	W	1.649	W	W	1.865	W	W	1.560
July 2015	W	W	1.929	W	W	2.098	W	-	2.432	W	W	1.980
Missouri												
July 2016	-	-	1.403	-	-	1.579	-	-	1.801	-	-	1.434
June 2016	-	-	1.551	-	-	1.742	-	-	1.975	-	-	1.583
July 2015	-	-	1.951	-	-	2.159	-	-	2.406	-	-	1.990

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
July 2016	W	W	1.383	W	-	1.560	W	-	1.742	W	W	1.426
June 2016	W	W	1.523	W	-	1.709	W	-	1.982	W	W	1.575
July 2015	W	W	1.949	W	-	2.097	W	-	2.500	W	W	2.014
North Dakota												
July 2016	W	W	1.417	W	W	1.562	W	W	1.840	W	W	1.467
June 2016	W	W	1.564	W	W	1.706	W	W	2.028	W	W	1.616
July 2015	W	W	2.000	W	W	2.148	W	W	2.498	W	W	2.052
Ohio												
July 2016	W	W	1.416	W	-	1.673	W	W	1.990	W	W	1.461
June 2016	W	W	1.663	W	-	1.911	W	W	2.206	W	W	1.706
July 2015	W	W	1.837	W	-	2.040	W	W	2.359	W	W	1.877
Oklahoma												
July 2016	NA	W	1.377	W	-	1.537	W	-	1.667	W	W	1.406
June 2016	NA	W	1.519	W	-	1.707	W	-	1.887	W	W	1.556
July 2015	W	W	1.957	W	-	2.127	W	-	2.401	W	W	2.014
South Dakota												
July 2016	W	W	1.422	W	W	1.551	W	W	1.816	W	W	1.464
June 2016	W	W	1.559	W	W	1.704	W	W	1.986	W	W	1.607
July 2015	W	W	2.009	W	W	2.145	W	-	2.571	W	W	2.081
Tennessee												
July 2016	W	W	1.354	W	-	1.531	W	W	1.726	W	W	1.389
June 2016	W	W	1.532	W	-	1.688	W	W	1.909	W	W	1.568
July 2015	W	W	1.831	W	-	1.997	W	W	2.280	W	W	1.873
Wisconsin												
July 2016	W	W	1.429	W	-	1.598	W	W	1.976	W	W	1.480
June 2016	W	W	1.635	W	-	1.780	W	W	2.178	W	W	1.684
July 2015	W	2.243	1.940	W	-	2.143	W	W	2.541	W	2.272	1.997
PAD District 3												
July 2016	1.649	1.594	1.397	1.909	W	1.540	2.097	W	1.649	1.704	1.656	1.429
June 2016	1.752	1.649	1.522	1.977	W	1.675	2.183	1.884	1.813	1.801	1.702	1.552
July 2015	2.137	2.057	1.897	2.390	W	2.054	2.545	2.340	2.313	2.184	2.092	1.936
Alabama												
July 2016	W	W	1.324	W	W	1.686	W	W	1.788	W	W	1.368
June 2016	W	W	1.487	W	W	1.821	W	W	1.957	W	W	1.531
July 2015	W	W	1.799	W	-	2.099	W	W	2.260	W	W	1.843
Arkansas												
July 2016	W	-	1.397	W	-	1.566	W	-	1.742	W	-	1.425
June 2016	W	-	1.525	W	-	1.687	W	-	1.913	W	-	1.555
July 2015	W	-	1.866	W	-	2.014	W	-	2.295	W	-	1.898
Louisiana												
July 2016	-	W	1.390	-	-	1.495	-	-	1.723	-	W	1.415
June 2016	-	W	1.508	-	-	1.617	-	-	1.847	-	W	1.536
July 2015	-	-	1.869	-	-	1.996	-	-	2.284	-	-	1.897
Mississippi												
July 2016	W	W	1.383	W	W	1.502	W	-	1.578	W	W	1.419
June 2016	W	W	1.491	W	W	1.632	W	-	1.713	W	W	1.524
July 2015	W	W	1.818	W	-	1.946	W	W	2.328	W	W	1.894
New Mexico												
July 2016	1.739	W	1.504	1.923	W	1.651	2.062	W	1.831	1.792	W	1.548
June 2016	1.829	W	1.552	1.975	W	1.722	2.155	W	1.903	1.876	W	1.597
July 2015	2.315	W	2.080	W	W	2.260	W	W	2.422	2.360	W	2.124
Texas												
July 2016	W	W	1.402	W	W	1.499	W	W	1.636	W	W	1.434
June 2016	W	W	1.530	W	-	1.643	W	W	1.805	W	W	1.558
July 2015	W	2.183	1.915	W	W	2.061	W	W	2.314	W	2.190	1.952

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
July 2016	1.821	1.774	1.528	1.980	W	1.702	2.222	W	1.874	1.903	1.805	1.593
June 2016	1.862	1.765	1.594	2.036	W	1.766	2.268	W	1.925	1.945	1.791	1.655
July 2015	2.405	2.317	2.137	2.546	W	2.281	2.732	W	2.428	2.470	2.343	2.189
Colorado												
July 2016	1.748	W	1.435	1.970	W	1.604	2.265	W	1.849	1.867	1.834	1.510
June 2016	1.815	1.809	1.579	2.042	W	1.748	2.338	W	1.989	1.933	1.830	1.653
July 2015	2.330	W	2.083	2.512	W	2.238	2.721	W	2.442	2.419	2.270	2.146
Idaho												
July 2016	W	W	1.678	W	-	NA	W	W	1.921	W	W	1.717
June 2016	W	W	1.690	W	-	1.836	W	W	1.921	W	W	1.724
July 2015	W	W	2.265	W	-	2.353	W	W	2.460	W	W	2.292
Montana												
July 2016	W	W	1.594	W	-	1.749	W	W	2.035	W	W	1.678
June 2016	W	W	1.627	W	-	1.778	W	W	2.049	W	W	1.707
July 2015	W	W	2.153	W	-	2.248	W	W	2.492	W	W	2.214
Utah												
July 2016	W	W	1.591	W	W	1.846	W	W	1.820	W	W	1.644
June 2016	W	W	1.557	W	W	1.786	W	W	1.781	W	W	1.606
July 2015	NA	W	2.162	NA	W	2.334	NA	-	2.363	NA	W	2.203
Wyoming												
July 2016	W	W	1.500	W	-	1.699	W	-	1.888	W	W	1.561
June 2016	W	W	1.580	W	-	1.771	W	-	1.955	W	W	1.638
July 2015	W	-	2.105	W	-	2.307	W	-	2.453	W	-	2.160
PAD District 5												
July 2016	2.142	1.860	1.646	2.283	NA	1.812	2.404	2.125	1.922	2.208	1.889	1.698
June 2016	2.144	1.895	1.775	2.280	NA	1.943	2.408	2.113	2.063	2.210	1.917	1.829
July 2015	2.908	NA	2.502	3.111	NA	2.688	3.147	NA	2.793	2.972	NA	2.552
Alaska												
July 2016	W	W	W	W	NA	W	W	W	2.209	W	W	W
June 2016	W	W	W	W	W	W	W	W	2.236	W	W	W
July 2015	W	W	W	W	-	W	W	-	3.081	W	W	W
Arizona												
July 2016	W	W	1.546	W	W	1.668	W	W	1.818	W	W	1.580
June 2016	W	W	1.655	W	W	1.777	W	W	1.926	W	W	1.690
July 2015	W	W	2.132	W	W	2.287	W	W	2.463	W	W	2.170
California												
July 2016	W	1.759	1.690	W	-	1.846	W	-	1.957	W	1.759	1.747
June 2016	W	1.915	1.850	W	W	2.016	W	-	2.130	W	1.930	1.908
July 2015	3.059	2.758	2.666	W	W	2.841	W	-	2.905	3.109	2.756	2.712
Hawaii												
July 2016	W	W	W	W	W	W	W	-	W	W	W	W
June 2016	W	W	W	W	W	W	W	-	W	W	W	W
July 2015	W	W	W	W	W	W	W	NA	W	W	W	W
Nevada												
July 2016	W	W	1.580	W	-	1.704	W	-	1.805	W	W	1.628
June 2016	W	W	1.649	W	-	1.730	W	W	1.861	W	1.875	1.693
July 2015	NA	2.504	2.344	NA	-	2.503	NA	W	2.568	NA	2.535	2.387
Oregon												
July 2016	2.079	-	1.585	2.202	-	1.749	2.305	-	1.858	2.114	-	1.620
June 2016	2.056	-	1.654	2.185	-	1.828	2.286	-	1.937	2.092	-	1.688
July 2015	2.554	-	2.280	2.751	-	2.440	2.803	-	2.550	2.587	-	2.307
Washington												
July 2016	1.961	W	1.574	2.115	W	1.777	2.232	W	1.878	2.012	W	1.624
June 2016	1.993	W	1.646	2.133	W	1.837	2.248	W	1.939	2.041	W	1.698
July 2015	2.422	W	2.271	2.568	W	2.428	2.685	W	2.576	2.467	W	2.318

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
July 2016	W	2.505	1.392	1.356	W	1.297
June 2016	W	2.591	1.464	1.428	W	1.445
July 2015	W	3.217	1.694	1.655	W	1.701
PAD District 1						
July 2016	W	2.465	1.369	1.366	W	W
June 2016	W	2.559	1.456	1.439	2.603	1.597
July 2015	W	3.260	1.670	1.671	W	1.947
Subdistrict 1A						
July 2016	W	W	1.472	1.379	W	-
June 2016	-	W	1.517	1.509	W	-
July 2015	W	W	W	1.707	W	-
Connecticut						
July 2016	-	-	W	W	-	-
June 2016	-	-	W	W	-	-
July 2015	-	-	W	W	-	-
Maine						
July 2016	W	W	W	W	-	-
June 2016	-	W	W	W	-	-
July 2015	W	W	W	W	-	-
Massachusetts						
July 2016	-	-	W	W	W	-
June 2016	-	-	W	W	W	-
July 2015	-	-	W	W	W	-
New Hampshire						
July 2016	-	-	W	W	W	-
June 2016	-	-	W	-	W	-
July 2015	-	-	W	-	-	-
Rhode Island						
July 2016	-	-	W	W	W	-
June 2016	-	-	W	W	W	-
July 2015	-	-	W	W	-	-
Vermont						
July 2016	-	-	W	W	-	-
June 2016	-	-	W	W	-	-
July 2015	-	-	W	-	-	-
Subdistrict 1B						
July 2016	W	W	1.344	1.360	W	W
June 2016	-	W	1.430	1.429	W	1.589
July 2015	W	W	1.658	1.652	W	1.948
Delaware						
July 2016	-	-	-	W	W	-
June 2016	-	-	-	W	W	-
July 2015	-	-	-	W	-	-
District of Columbia						
July 2016	-	-	-	-	-	-
June 2016	-	-	-	-	-	-
July 2015	-	-	-	-	-	-
Maryland						
July 2016	-	-	W	1.387	-	W
June 2016	-	-	W	W	-	W
July 2015	-	-	W	W	-	W
New Jersey						
July 2016	-	-	1.315	1.360	W	W
June 2016	-	-	1.415	1.425	W	1.581
July 2015	-	-	1.631	1.647	W	W
New York						
July 2016	-	W	W	1.386	W	W
June 2016	-	W	W	1.453	W	W
July 2015	-	W	W	1.711	W	W
Pennsylvania						
July 2016	W	W	W	1.352	W	W
June 2016	-	W	W	1.445	W	W
July 2015	W	W	W	1.651	W	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
July 2016	W	2.417	1.396	1.380	W	W
June 2016	W	2.512	1.491	1.442	W	W
July 2015	W	3.234	1.688	1.690	W	W
Florida						
July 2016	-	2.335	1.404	NA	W	-
June 2016	-	2.430	1.505	1.435	W	-
July 2015	-	3.221	1.688	1.694	-	-
Georgia						
July 2016	W	W	W	1.403	-	-
June 2016	W	W	W	1.447	-	-
July 2015	W	3.219	1.623	1.646	-	W
North Carolina						
July 2016	W	W	W	W	W	W
June 2016	W	W	W	1.454	W	W
July 2015	W	W	-	1.699	W	W
South Carolina						
July 2016	-	-	W	1.379	W	W
June 2016	-	-	1.520	W	W	W
July 2015	-	-	W	1.675	-	-
Virginia						
July 2016	-	W	1.374	1.391	-	W
June 2016	-	W	1.444	1.471	W	W
July 2015	-	W	1.711	W	-	-
West Virginia						
July 2016	-	-	W	W	W	-
June 2016	-	-	W	W	W	-
July 2015	-	-	W	W	-	-
PAD District 2						
July 2016	W	2.531	1.392	1.337	W	1.908
June 2016	W	2.730	1.446	1.426	W	1.997
July 2015	W	3.301	1.672	1.613	W	2.201
Illinois						
July 2016	W	W	1.414	W	W	W
June 2016	W	W	1.465	W	W	W
July 2015	W	W	1.675	W	W	W
Indiana						
July 2016	-	-	1.387	NA	W	W
June 2016	-	-	1.412	1.461	W	W
July 2015	-	-	1.685	1.664	W	W
Iowa						
July 2016	-	-	W	1.451	-	-
June 2016	-	-	W	W	-	-
July 2015	-	-	W	W	-	W
Kansas						
July 2016	W	W	W	W	-	W
June 2016	W	W	W	W	-	W
July 2015	W	W	W	W	-	W
Kentucky						
July 2016	W	W	W	W	W	W
June 2016	W	W	1.447	1.427	W	W
July 2015	-	W	1.678	1.663	W	W
Michigan						
July 2016	W	-	W	1.322	W	W
June 2016	W	-	W	1.415	W	W
July 2015	W	-	W	1.658	W	W
Minnesota						
July 2016	W	W	1.334	W	W	W
June 2016	W	W	1.434	W	NA	W
July 2015	W	W	1.659	W	-	W
Missouri						
July 2016	W	-	W	W	-	-
June 2016	W	W	W	W	-	-
July 2015	W	-	W	W	-	-

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
July 2016	W	-	W	W	-	-
June 2016	W	-	W	W	-	-
July 2015	W	-	W	W	-	-
North Dakota						
July 2016	-	-	W	W	-	-
June 2016	-	-	W	W	-	-
July 2015	-	-	W	W	-	-
Ohio						
July 2016	-	-	1.403	W	W	W
June 2016	-	-	1.454	W	W	W
July 2015	-	-	1.687	1.534	W	W
Oklahoma						
July 2016	W	-	W	1.354	-	W
June 2016	W	-	W	1.438	-	W
July 2015	W	-	W	1.626	-	W
South Dakota						
July 2016	-	-	W	1.477	-	-
June 2016	-	-	W	W	-	W
July 2015	-	-	1.877	W	-	-
Tennessee						
July 2016	W	W	W	1.381	W	W
June 2016	W	2.597	W	1.457	W	W
July 2015	W	3.299	W	1.680	-	W
Wisconsin						
July 2016	-	-	W	NA	W	W
June 2016	-	-	W	W	W	W
July 2015	-	-	W	W	-	W
PAD District 3						
July 2016	W	2.276	1.369	1.329	-	1.274
June 2016	W	2.366	1.434	1.383	-	W
July 2015	W	3.205	1.647	1.625	-	1.652
Alabama						
July 2016	-	-	1.380	NA	-	W
June 2016	-	W	1.423	1.482	-	W
July 2015	-	W	1.674	1.681	-	W
Arkansas						
July 2016	-	-	W	W	-	-
June 2016	W	-	W	W	-	-
July 2015	W	W	W	W	-	-
Louisiana						
July 2016	W	2.292	1.355	1.330	-	W
June 2016	W	2.425	1.393	1.377	-	W
July 2015	-	3.185	1.626	1.617	-	W
Mississippi						
July 2016	-	W	W	W	-	-
June 2016	-	W	1.400	W	-	-
July 2015	-	W	1.594	1.627	-	-
New Mexico						
July 2016	W	-	W	1.444	-	-
June 2016	W	-	W	1.503	-	-
July 2015	W	-	W	1.677	-	-
Texas						
July 2016	W	2.274	1.380	1.329	-	W
June 2016	W	W	1.453	1.390	-	NA
July 2015	W	3.206	1.655	1.628	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
July 2016	W	W	1.446	1.442	-	-
June 2016	W	W	1.518	1.493	-	-
July 2015	W	W	1.778	1.776	-	-
Colorado						
July 2016	W	-	1.436	1.412	-	-
June 2016	W	-	1.481	1.474	-	-
July 2015	W	-	1.683	1.678	-	-
Idaho						
July 2016	-	-	W	1.621	-	-
June 2016	-	-	W	1.683	-	-
July 2015	-	-	1.908	1.989	-	-
Montana						
July 2016	-	W	W	W	-	-
June 2016	-	W	W	W	-	-
July 2015	W	W	W	W	-	-
Utah						
July 2016	W	W	1.430	NA	-	-
June 2016	W	W	1.516	1.504	-	-
July 2015	-	W	1.858	1.832	-	-
Wyoming						
July 2016	-	-	W	W	-	-
June 2016	-	-	W	W	-	-
July 2015	-	-	W	W	-	-
PAD District 5						
July 2016	W	2.769	1.416	1.386	-	W
June 2016	W	2.792	1.493	1.478	-	W
July 2015	W	NA	1.749	1.730	-	W
Alaska						
July 2016	W	W	W	W	-	-
June 2016	W	W	W	1.560	-	-
July 2015	W	W	NA	NA	-	-
Arizona						
July 2016	W	W	1.426	NA	-	-
June 2016	W	W	1.516	1.514	-	-
July 2015	W	W	1.716	1.744	-	-
California						
July 2016	-	2.752	1.394	1.374	-	W
June 2016	-	2.757	1.476	1.467	-	W
July 2015	-	W	1.737	1.723	-	W
Hawaii						
July 2016	-	W	W	W	-	-
June 2016	-	W	W	W	-	-
July 2015	-	W	W	W	-	-
Nevada						
July 2016	-	-	W	W	-	-
June 2016	-	-	W	W	-	-
July 2015	-	-	1.755	W	-	-
Oregon						
July 2016	-	2.882	1.454	1.469	-	-
June 2016	-	2.846	1.513	1.525	-	-
July 2015	-	3.481	1.780	W	-	-
Washington						
July 2016	-	W	1.404	1.396	-	-
June 2016	-	NA	1.472	1.488	-	-
July 2015	-	W	1.730	1.731	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 33. Refiner prices of distillate fuels by PAD District and state

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
July 2016	1.913	1.753	1.577	1.421	W	W
June 2016	2.041	1.864	1.662	1.527	W	1.136
July 2015	W	2.195	1.914	1.728	W	1.380
PAD District 1						
July 2016	-	1.841	1.644	1.394	-	-
June 2016	-	1.943	1.698	1.508	-	-
July 2015	-	2.247	2.054	1.727	-	-
Subdistrict 1A						
July 2016	-	W	1.767	1.417	-	-
June 2016	-	W	1.784	1.535	-	-
July 2015	-	W	2.229	1.771	-	-
Connecticut						
July 2016	-	-	W	1.416	-	-
June 2016	-	-	W	1.529	-	-
July 2015	-	-	W	1.740	-	-
Maine						
July 2016	-	W	-	1.440	-	-
June 2016	-	W	-	1.558	-	-
July 2015	-	-	-	1.925	-	-
Massachusetts						
July 2016	-	-	W	1.405	-	-
June 2016	-	-	W	1.556	-	-
July 2015	-	-	2.281	1.789	-	-
New Hampshire						
July 2016	-	-	W	W	-	-
June 2016	-	-	W	W	-	-
July 2015	-	W	W	W	-	-
Rhode Island						
July 2016	-	-	W	W	-	-
June 2016	-	-	W	W	-	-
July 2015	-	-	W	W	-	-
Vermont						
July 2016	-	W	W	W	-	-
June 2016	-	W	W	W	-	-
July 2015	-	W	W	W	-	-
Subdistrict 1B						
July 2016	-	1.857	1.642	1.381	-	-
June 2016	-	1.953	1.701	1.491	-	-
July 2015	-	2.245	2.057	1.727	-	-
Delaware						
July 2016	-	-	1.585	1.329	-	-
June 2016	-	-	1.666	1.512	-	-
July 2015	-	-	2.027	1.723	-	-
District of Columbia						
July 2016	-	-	-	W	-	-
June 2016	-	-	-	W	-	-
July 2015	-	-	-	W	-	-
Maryland						
July 2016	-	-	W	1.368	-	-
June 2016	-	-	W	1.500	-	-
July 2015	-	-	W	1.692	-	-
New Jersey						
July 2016	-	-	1.624	1.377	-	-
June 2016	-	-	1.688	1.479	-	-
July 2015	-	-	2.022	1.719	-	-
New York						
July 2016	-	W	1.750	1.430	-	-
June 2016	-	W	1.799	1.543	-	-
July 2015	-	W	2.130	1.745	-	-
Pennsylvania						
July 2016	-	W	1.591	1.382	-	-
June 2016	-	W	1.661	1.490	-	-
July 2015	-	W	2.054	1.734	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
July 2016	-	W	1.642	1.407	-	-
June 2016	-	W	1.695	1.524	-	-
July 2015	-	W	2.048	1.723	-	-
Florida						
July 2016	-	-	1.562	1.447	-	-
June 2016	-	-	1.659	1.557	-	-
July 2015	-	-	1.932	1.767	-	-
Georgia						
July 2016	-	W	1.643	1.390	-	-
June 2016	-	W	1.739	1.510	-	-
July 2015	-	W	2.015	1.700	-	-
North Carolina						
July 2016	-	-	NA	1.388	-	-
June 2016	-	-	1.659	1.502	-	-
July 2015	-	-	2.069	1.702	-	-
South Carolina						
July 2016	-	-	W	1.396	-	-
June 2016	-	-	W	1.507	-	-
July 2015	-	-	W	1.706	-	-
Virginia						
July 2016	-	-	1.691	1.385	-	-
June 2016	-	-	1.770	1.505	-	-
July 2015	-	-	1.888	1.701	-	-
West Virginia						
July 2016	-	-	W	1.378	-	-
June 2016	-	-	W	1.543	-	-
July 2015	-	-	W	1.728	-	-
PAD District 2						
July 2016	1.914	1.687	1.548	1.422	-	W
June 2016	1.899	1.806	1.649	1.536	-	W
July 2015	W	2.002	1.859	1.727	-	W
Illinois						
July 2016	W	W	W	1.389	-	-
June 2016	W	W	W	1.526	-	-
July 2015	W	W	1.959	1.684	-	-
Indiana						
July 2016	-	W	W	1.396	-	-
June 2016	-	W	W	1.534	-	-
July 2015	-	W	W	1.723	-	-
Iowa						
July 2016	-	1.587	1.541	1.477	-	-
June 2016	-	W	1.617	1.554	-	-
July 2015	-	1.961	1.821	1.781	-	-
Kansas						
July 2016	-	1.547	W	1.426	-	-
June 2016	-	1.635	1.488	1.512	-	-
July 2015	-	1.845	W	1.726	-	-
Kentucky						
July 2016	W	W	W	1.410	-	W
June 2016	-	W	W	1.557	-	W
July 2015	W	W	W	1.724	-	W
Michigan						
July 2016	W	W	W	1.434	-	-
June 2016	W	W	W	1.586	-	-
July 2015	W	W	W	1.724	-	-
Minnesota						
July 2016	W	1.587	1.579	1.479	-	-
June 2016	W	1.691	1.656	1.555	-	-
July 2015	W	1.908	1.873	1.817	-	-
Missouri						
July 2016	-	-	1.446	1.437	-	-
June 2016	-	-	W	1.529	-	-
July 2015	W	-	W	1.736	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
July 2016	-	1.628	W	1.469	-	-
June 2016	-	W	W	1.546	-	-
July 2015	-	W	W	1.801	-	-
North Dakota						
July 2016	-	1.473	W	1.431	-	-
June 2016	-	1.560	W	1.504	-	-
July 2015	-	1.915	1.908	1.804	-	-
Ohio						
July 2016	-	W	1.584	1.394	-	-
June 2016	-	W	1.695	1.559	-	-
July 2015	-	W	1.876	1.692	-	-
Oklahoma						
July 2016	-	-	1.421	1.417	-	-
June 2016	-	-	W	1.492	-	-
July 2015	-	W	W	1.696	-	-
South Dakota						
July 2016	NA	1.605	W	1.501	-	-
June 2016	W	1.709	W	1.571	-	-
July 2015	-	1.995	2.276	1.836	-	-
Tennessee						
July 2016	-	-	1.653	1.410	-	-
June 2016	-	-	1.734	1.522	-	-
July 2015	-	-	1.953	1.700	-	-
Wisconsin						
July 2016	W	W	1.689	1.445	-	-
June 2016	W	W	1.762	1.567	-	-
July 2015	W	1.952	2.015	1.779	-	-
PAD District 3						
July 2016	-	W	1.457	1.382	-	W
June 2016	-	W	1.567	1.465	-	W
July 2015	-	-	1.749	1.676	-	W
Alabama						
July 2016	-	-	1.536	1.380	-	-
June 2016	-	-	1.633	1.492	-	-
July 2015	-	-	1.808	1.689	-	-
Arkansas						
July 2016	-	-	W	1.440	-	-
June 2016	-	-	W	1.528	-	-
July 2015	-	-	W	1.722	-	-
Louisiana						
July 2016	-	W	1.512	1.350	-	-
June 2016	-	W	1.615	1.444	-	-
July 2015	-	-	W	1.652	-	-
Mississippi						
July 2016	-	-	W	1.390	-	-
June 2016	-	-	W	1.457	-	-
July 2015	-	-	1.721	1.673	-	-
New Mexico						
July 2016	-	-	1.562	1.409	-	-
June 2016	-	-	1.634	1.503	-	-
July 2015	-	-	1.864	1.714	-	-
Texas						
July 2016	-	-	1.421	1.389	-	W
June 2016	-	-	1.525	1.466	-	W
July 2015	-	-	1.722	1.681	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
July 2016	W	1.927	1.596	1.561	W	-
June 2016	W	1.965	1.642	1.575	W	-
July 2015	W	2.238	1.920	1.817	W	-
Colorado						
July 2016	-	1.768	1.557	1.463	-	-
June 2016	-	1.832	1.597	1.510	-	-
July 2015	-	2.051	1.961	1.773	-	-
Idaho						
July 2016	W	-	1.795	1.702	-	-
June 2016	W	W	1.755	1.650	-	-
July 2015	-	W	2.187	1.920	-	-
Montana						
July 2016	W	1.919	W	1.577	-	-
June 2016	W	1.891	1.736	1.569	-	-
July 2015	W	W	2.122	1.954	-	-
Utah						
July 2016	-	2.207	1.675	1.671	W	-
June 2016	-	2.230	1.680	1.657	W	-
July 2015	-	W	1.889	1.734	W	-
Wyoming						
July 2016	-	W	1.485	1.512	-	-
June 2016	-	1.894	1.559	1.535	-	-
July 2015	-	2.283	1.814	1.834	-	-
PAD District 5						
July 2016	W	W	1.683	1.503	-	-
June 2016	W	1.888	1.759	1.659	-	-
July 2015	W	2.329	2.038	1.842	-	-
Alaska						
July 2016	W	W	W	W	-	-
June 2016	W	1.898	2.102	1.878	-	-
July 2015	W	2.335	2.587	W	-	-
Arizona						
July 2016	-	-	1.653	1.406	-	-
June 2016	-	-	1.718	1.555	-	-
July 2015	-	-	1.906	1.739	-	-
California						
July 2016	-	-	1.600	1.501	-	-
June 2016	-	-	1.726	1.651	-	-
July 2015	-	-	1.931	1.794	-	-
Hawaii						
July 2016	-	-	W	W	-	-
June 2016	-	-	W	W	-	-
July 2015	-	-	W	W	-	-
Nevada						
July 2016	-	-	W	1.470	-	-
June 2016	-	-	1.784	W	-	-
July 2015	-	-	1.913	1.773	-	-
Oregon						
July 2016	-	-	1.794	1.506	-	-
June 2016	-	-	W	1.674	-	-
July 2015	-	-	W	1.907	-	-
Washington						
July 2016	W	W	1.648	1.510	-	-
June 2016	-	W	1.708	1.684	-	-
July 2015	-	2.064	2.097	1.952	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
July 2016	21,391.4	21,587.4	18,162.3	232,208.7	22,318.5	1,874.9	1,888.1	345.7	2,670.7	-
June 2016	21,699.0	21,940.6	18,208.8	235,474.2	20,422.8	1,885.5	1,898.9	343.6	2,727.7	-
July 2015	21,538.3	21,835.0	17,990.8	232,141.4	16,860.9	1,795.4	1,803.6	337.2	3,001.3	-
PAD District 1										
July 2016	7,023.8	7,036.8	W	68,196.1	W	617.2	621.4	W	W	-
June 2016	7,206.4	7,221.1	W	69,856.3	W	623.0	627.6	W	W	-
July 2015	7,010.4	7,023.0	W	W	2,619.9	610.0	612.5	W	W	-
Subdistrict 1A										
July 2016	W	W	W	W	W	W	W	-	59.2	-
June 2016	W	W	W	4,358.0	W	W	W	W	W	-
July 2015	W	W	W	W	W	W	W	W	W	-
Connecticut										
July 2016	-	W	W	W	W	-	-	-	23.7	-
June 2016	-	W	W	2,165.2	W	-	-	W	W	-
July 2015	-	W	W	2,062.3	W	-	-	W	W	-
Maine										
July 2016	-	-	-	632.3	-	-	-	-	W	-
June 2016	-	-	-	605.6	-	-	-	-	W	-
July 2015	-	-	-	664.8	-	-	-	-	W	-
Massachusetts										
July 2016	W	W	W	W	-	W	W	-	8.6	-
June 2016	W	W	W	W	-	W	W	-	6.1	-
July 2015	W	W	-	877.7	-	W	W	-	7.8	-
New Hampshire										
July 2016	W	W	W	W	-	W	W	-	-	-
June 2016	W	W	W	W	-	W	W	-	-	-
July 2015	W	W	-	W	-	W	W	-	-	-
Rhode Island										
July 2016	W	W	W	663.8	W	W	W	-	W	-
June 2016	W	W	W	W	W	W	W	-	13.3	-
July 2015	W	W	W	W	W	W	W	-	W	-
Vermont										
July 2016	-	-	W	W	-	-	-	-	W	-
June 2016	-	-	W	W	-	-	-	-	W	-
July 2015	-	-	-	89.9	-	-	-	-	W	-
Subdistrict 1B										
July 2016	3,155.3	3,157.2	W	21,565.5	W	349.3	349.5	W	W	-
June 2016	3,269.5	3,271.3	W	22,640.6	W	355.6	355.7	W	W	-
July 2015	3,141.0	3,142.4	W	21,469.9	W	345.1	345.2	W	W	-
Delaware										
July 2016	W	W	-	1,026.7	-	W	W	-	19.5	-
June 2016	W	W	-	1,065.2	-	W	W	-	18.5	-
July 2015	W	W	-	1,091.2	-	W	W	-	19.4	-
District of Columbia										
July 2016	-	-	-	-	-	-	-	-	-	-
June 2016	-	-	-	-	-	-	-	-	-	-
July 2015	-	-	-	-	-	-	-	-	-	-
Maryland										
July 2016	-	W	-	W	W	-	W	-	87.1	-
June 2016	-	W	W	W	W	-	W	-	86.0	-
July 2015	-	W	W	W	W	-	W	-	108.9	-
New Jersey										
July 2016	W	W	W	6,707.1	W	W	W	W	W	-
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	W	W	304.9	W	W	W	W	-
New York										
July 2016	1,905.5	1,905.6	W	5,258.1	W	220.8	220.8	W	W	-
June 2016	1,988.5	1,988.5	W	5,391.6	W	224.8	224.8	W	W	-
July 2015	1,905.3	1,905.3	W	5,334.0	W	217.5	217.5	W	W	-
Pennsylvania										
July 2016	W	W	-	W	W	W	W	-	38.3	-
June 2016	W	W	-	W	W	W	W	-	39.2	-
July 2015	W	NA	-	W	W	W	W	-	41.0	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
July 2016	2,835.1	2,858.8	5,042.8	32,242.1	2,666.2	26,101.4	26,334.4	23,550.9	267,121.5	24,984.6
June 2016	2,847.9	2,871.6	5,004.9	30,127.1	2,595.8	26,432.4	26,711.1	23,557.3	268,329.3	23,018.6
July 2015	2,628.3	2,670.5	4,392.2	28,740.0	1,651.1	25,961.9	26,309.1	22,720.1	263,882.6	18,512.0
PAD District 1										
July 2016	933.5	933.6	W	W	W	8,574.5	8,591.8	W	78,322.2	W
June 2016	934.9	935.2	W	W	W	8,764.3	8,783.9	W	80,185.5	W
July 2015	891.5	894.8	W	W	140.8	8,511.9	8,530.3	W	W	2,760.7
Subdistrict 1A										
July 2016	W	W	W	W	-	W	W	W	W	W
June 2016	W	W	W	W	-	W	W	W	5,114.3	W
July 2015	W	W	W	W	-	W	W	W	W	W
Connecticut										
July 2016	-	-	W	W	-	-	W	W	2,490.6	W
June 2016	-	-	W	W	-	-	W	W	2,579.6	W
July 2015	-	-	W	W	-	-	W	W	2,445.1	W
Maine										
July 2016	-	-	W	46.5	-	-	-	W	W	-
June 2016	-	-	W	40.8	-	-	-	W	W	-
July 2015	-	-	-	W	-	-	-	-	722.9	-
Massachusetts										
July 2016	W	W	W	W	-	W	W	W	W	-
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	-	137.6	-	W	W	-	1,023.1	-
New Hampshire										
July 2016	W	W	W	W	-	W	W	W	W	-
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	-	W	-	W	W	-	W	-
Rhode Island										
July 2016	W	W	W	W	-	W	W	W	799.5	W
June 2016	W	W	W	W	-	W	W	W	819.7	W
July 2015	W	W	W	W	-	W	W	W	W	W
Vermont										
July 2016	-	-	W	W	-	-	-	W	W	-
June 2016	-	-	W	W	-	-	-	W	W	-
July 2015	-	-	-	W	-	-	-	-	96.5	-
Subdistrict 1B										
July 2016	577.6	577.7	W	W	W	4,082.2	4,084.4	W	24,937.5	W
June 2016	583.3	583.4	W	W	W	4,208.4	4,210.3	W	26,115.4	W
July 2015	539.9	539.9	W	W	W	4,026.0	4,027.5	W	24,710.6	W
Delaware										
July 2016	W	W	-	115.2	-	W	W	-	1,161.4	-
June 2016	W	W	-	128.5	-	W	W	-	1,212.1	-
July 2015	W	W	-	122.1	-	W	W	-	1,232.6	-
District of Columbia										
July 2016	-	-	-	-	-	-	-	-	-	-
June 2016	-	-	-	-	-	-	-	-	-	-
July 2015	-	-	-	-	-	-	-	-	-	-
Maryland										
July 2016	-	W	-	W	W	-	W	-	W	W
June 2016	-	W	-	W	W	-	W	W	4,428.5	W
July 2015	-	W	-	W	W	-	W	W	4,332.2	W
New Jersey										
July 2016	W	W	W	W	W	W	W	W	7,772.2	W
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	W	W	-	W	W	W	W	304.9
New York										
July 2016	371.1	371.1	W	W	W	2,497.4	2,497.5	W	6,171.6	W
June 2016	375.6	375.6	W	W	W	2,588.9	2,588.9	W	6,307.3	W
July 2015	341.3	341.3	W	W	W	2,464.1	2,464.1	W	6,168.2	W
Pennsylvania										
July 2016	W	W	-	W	W	W	W	-	W	W
June 2016	W	W	-	W	W	W	W	-	W	W
July 2015	W	W	-	W	W	W	NA	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
July 2016	W	W	W	W	-	W	W	W	W	-
June 2016	W	W	W	42,857.6	W	W	W	W	W	-
July 2015	W	W	W	42,177.5	W	W	W	W	W	-
Florida										
July 2016	W	W	-	13,685.5	-	W	W	-	142.0	-
June 2016	W	W	-	13,836.6	-	W	W	-	140.1	-
July 2015	W	W	-	13,626.7	-	W	W	-	169.3	-
Georgia										
July 2016	W	127.7	W	W	-	W	W	W	W	-
June 2016	W	124.6	W	W	-	W	W	W	W	-
July 2015	W	118.1	W	W	W	W	W	W	W	-
North Carolina										
July 2016	W	W	-	8,804.9	-	W	W	-	179.8	-
June 2016	W	W	-	W	W	W	W	-	198.0	-
July 2015	W	W	-	8,762.9	-	W	W	-	168.9	-
South Carolina										
July 2016	W	W	-	4,451.7	-	W	W	-	51.5	-
June 2016	W	W	-	4,430.6	-	W	W	-	52.7	-
July 2015	W	W	-	4,477.3	-	W	W	-	72.5	-
Virginia										
July 2016	W	W	-	6,901.9	-	W	W	-	125.7	-
June 2016	W	W	W	W	-	W	W	-	132.5	-
July 2015	W	W	W	W	W	W	W	-	141.5	-
West Virginia										
July 2016	W	W	-	734.9	-	W	W	-	11.4	-
June 2016	W	W	-	786.7	-	W	W	-	11.2	-
July 2015	W	W	-	715.9	-	W	W	-	13.1	-
PAD District 2										
July 2016	8,608.1	8,697.8	W	W	1,797.8	389.2	393.5	W	W	-
June 2016	8,633.6	8,758.8	W	W	2,190.1	387.3	391.7	W	W	-
July 2015	8,812.0	8,918.5	W	W	1,327.6	389.4	392.3	W	W	-
Illinois										
July 2016	W	W	-	W	W	W	W	-	120.8	-
June 2016	W	W	-	W	W	W	W	-	131.0	-
July 2015	W	W	-	W	W	W	W	-	155.9	-
Indiana										
July 2016	W	W	-	W	W	W	W	-	51.9	-
June 2016	W	W	-	W	W	W	W	-	56.1	-
July 2015	W	W	-	W	W	W	W	-	57.8	-
Iowa										
July 2016	-	W	-	2,580.1	-	-	-	-	75.7	-
June 2016	-	W	-	2,728.4	-	-	-	-	76.2	-
July 2015	-	W	-	2,421.9	-	-	-	-	91.8	-
Kansas										
July 2016	W	W	-	4,349.9	758.7	W	W	-	34.7	-
June 2016	W	W	-	4,342.8	861.0	W	W	-	32.8	-
July 2015	W	W	-	W	W	W	W	-	41.3	-
Kentucky										
July 2016	W	W	-	W	W	W	W	-	16.0	-
June 2016	W	W	-	3,590.5	-	W	W	-	17.6	-
July 2015	W	W	-	3,645.5	-	W	W	-	20.5	-
Michigan										
July 2016	W	W	-	9,686.9	-	W	W	-	28.9	-
June 2016	W	W	-	9,927.1	-	W	W	-	30.8	-
July 2015	W	W	-	9,723.1	-	W	W	-	36.4	-
Minnesota										
July 2016	W	W	NA	W	W	W	W	W	W	-
June 2016	W	W	W	5,400.3	W	W	W	W	W	-
July 2015	W	W	-	W	W	W	W	-	177.4	-
Missouri										
July 2016	-	-	-	3,195.9	-	-	-	-	20.4	-
June 2016	-	-	-	3,357.5	-	-	-	-	20.8	-
July 2015	-	-	-	2,781.5	-	-	-	-	21.2	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
July 2016	W	W	W	W	-	W	W	W	W	-
June 2016	W	W	W	W	-	W	W	W	48,955.8	W
July 2015	W	W	W	W	W	W	W	W	48,293.6	W
Florida										
July 2016	W	W	-	1,928.8	-	W	W	-	15,756.3	-
June 2016	W	W	-	1,918.3	-	W	W	-	15,894.9	-
July 2015	W	W	-	1,927.0	-	W	W	-	15,722.9	-
Georgia										
July 2016	W	W	W	W	-	W	144.5	W	W	-
June 2016	W	W	W	W	-	W	140.5	W	W	-
July 2015	W	W	W	949.5	W	W	132.6	W	8,557.1	W
North Carolina										
July 2016	W	W	-	1,022.3	-	W	W	-	10,007.0	-
June 2016	W	W	-	1,040.2	-	W	W	-	W	W
July 2015	W	W	-	W	W	W	W	-	W	W
South Carolina										
July 2016	W	W	-	460.2	-	W	W	-	4,963.5	-
June 2016	W	W	-	478.0	-	W	W	-	4,961.3	-
July 2015	W	W	-	498.3	-	W	W	-	5,048.2	-
Virginia										
July 2016	W	W	-	999.4	-	W	W	-	8,026.9	-
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	-	1,008.5	-	W	W	W	W	W
West Virginia										
July 2016	W	W	-	42.7	-	W	W	-	789.0	-
June 2016	W	W	-	45.7	-	W	W	-	843.6	-
July 2015	W	W	-	42.5	-	W	W	-	771.5	-
PAD District 2										
July 2016	576.0	585.2	W	7,219.8	W	9,573.3	9,676.5	W	85,124.2	W
June 2016	564.9	575.0	W	7,208.5	W	9,585.8	9,725.4	W	86,283.7	W
July 2015	556.5	566.3	W	7,180.0	W	9,757.8	9,877.1	W	85,220.5	W
Illinois										
July 2016	W	W	-	1,233.7	-	W	W	-	W	W
June 2016	W	W	-	1,256.6	-	W	W	-	W	W
July 2015	W	W	-	1,255.5	-	W	W	-	W	W
Indiana										
July 2016	W	W	-	W	W	W	W	-	W	W
June 2016	W	W	-	W	W	W	W	-	W	W
July 2015	W	W	-	467.3	-	W	W	-	W	W
Iowa										
July 2016	-	-	-	387.2	-	-	W	-	3,042.9	-
June 2016	-	-	-	374.7	-	-	W	-	3,179.3	-
July 2015	-	-	-	346.9	-	-	W	-	2,860.6	-
Kansas										
July 2016	-	-	-	352.7	111.1	W	W	-	4,737.3	869.8
June 2016	-	-	-	349.8	129.5	W	W	-	4,725.3	990.5
July 2015	-	-	-	W	W	W	W	-	W	W
Kentucky										
July 2016	W	W	-	248.7	-	W	W	-	W	W
June 2016	W	W	-	251.0	-	W	W	-	3,859.0	-
July 2015	W	W	-	W	W	W	W	-	W	W
Michigan										
July 2016	W	W	-	W	W	W	W	-	W	W
June 2016	W	W	-	W	W	W	W	-	W	W
July 2015	W	W	-	W	W	W	W	-	W	W
Minnesota										
July 2016	W	W	W	499.6	W	W	W	W	5,959.1	W
June 2016	W	W	W	W	W	W	W	W	6,068.6	W
July 2015	W	W	-	W	W	W	W	-	W	W
Missouri										
July 2016	-	-	-	261.5	-	-	-	-	3,477.7	-
June 2016	-	-	-	264.4	-	-	-	-	3,642.7	-
July 2015	-	-	-	251.5	-	-	-	-	3,054.2	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
July 2016	W	W	-	1,461.5	-	W	W	-	28.1	-
June 2016	W	W	-	1,584.4	-	W	W	-	36.9	-
July 2015	W	W	-	1,439.4	-	W	W	-	49.9	-
North Dakota										
July 2016	W	W	NA	1,001.8	-	W	W	-	33.7	-
June 2016	W	W	W	W	-	W	W	-	28.8	-
July 2015	W	W	-	1,124.4	-	W	W	-	42.4	-
Ohio										
July 2016	W	W	-	9,523.6	-	W	W	-	64.9	-
June 2016	W	W	-	9,553.8	-	W	W	-	63.2	-
July 2015	W	W	-	10,087.6	-	W	W	-	73.4	-
Oklahoma										
July 2016	NA	W	-	4,236.0	636.8	W	W	-	6.5	-
June 2016	NA	W	-	W	W	W	W	-	7.3	-
July 2015	W	W	-	W	W	W	W	-	8.2	-
South Dakota										
July 2016	W	W	-	911.5	-	W	W	-	24.1	-
June 2016	W	W	-	954.6	-	W	W	-	28.8	-
July 2015	W	W	-	999.4	-	W	W	-	42.9	-
Tennessee										
July 2016	W	811.9	W	W	-	W	W	W	W	-
June 2016	W	787.4	W	W	-	W	W	W	W	-
July 2015	W	777.4	W	W	-	W	W	W	W	-
Wisconsin										
July 2016	W	W	NA	5,674.7	-	W	W	NA	81.3	-
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	-	5,823.4	-	W	W	-	87.9	-
PAD District 3										
July 2016	1,289.6	1,315.1	83.6	47,889.3	15,103.5	115.5	118.2	W	W	-
June 2016	1,279.8	1,309.5	104.9	48,379.6	12,141.7	111.8	113.5	W	W	-
July 2015	1,226.2	1,279.3	101.6	47,770.8	10,229.6	101.3	102.5	W	W	-
Alabama										
July 2016	W	W	W	W	-	W	W	W	W	-
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	W	W	-	W	W	W	W	-
Arkansas										
July 2016	W	W	W	W	-	W	W	W	W	-
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	-	2,789.0	-	W	W	-	28.2	-
Louisiana										
July 2016	-	W	-	5,740.8	1,004.1	-	-	-	36.1	-
June 2016	-	W	-	W	W	-	-	-	38.5	-
July 2015	-	-	-	6,018.3	1,070.5	-	-	-	45.7	-
Mississippi										
July 2016	W	24.3	-	W	W	W	W	-	33.0	-
June 2016	W	22.8	-	W	W	W	W	-	32.7	-
July 2015	W	30.7	-	W	W	W	W	-	38.8	-
New Mexico										
July 2016	396.1	406.0	W	W	-	56.2	57.2	W	W	-
June 2016	387.8	396.7	W	W	-	53.6	54.2	W	W	-
July 2015	340.5	350.8	W	W	-	W	W	W	W	-
Texas										
July 2016	W	W	W	29,979.6	W	W	37.8	-	245.0	-
June 2016	W	W	W	30,277.6	W	W	W	-	249.6	-
July 2015	W	529.0	W	29,901.1	W	W	36.4	W	W	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
July 2016	W	W	-	187.6	-	W	W	-	1,677.2	-
June 2016	W	W	-	188.5	-	W	W	-	1,809.8	-
July 2015	W	W	-	183.6	-	W	W	-	1,672.9	-
North Dakota										
July 2016	W	W	NA	124.9	-	W	W	NA	1,160.3	-
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	-	120.8	-	W	W	-	1,287.5	-
Ohio										
July 2016	W	W	-	W	W	W	W	-	W	W
June 2016	W	W	-	W	W	W	W	-	W	W
July 2015	W	W	-	W	W	W	W	-	W	W
Oklahoma										
July 2016	W	W	-	421.4	119.2	W	W	-	4,663.9	756.0
June 2016	W	W	-	W	W	W	W	-	4,670.2	1,158.5
July 2015	W	W	-	W	W	W	W	-	4,716.2	420.0
South Dakota										
July 2016	W	W	-	104.7	-	W	W	-	1,040.2	-
June 2016	W	W	-	114.1	-	W	W	-	1,097.5	-
July 2015	W	W	-	141.8	-	W	W	-	1,184.0	-
Tennessee										
July 2016	W	W	W	W	-	W	933.2	W	W	-
June 2016	W	W	W	W	-	W	907.9	W	W	-
July 2015	W	W	W	W	-	W	892.4	W	W	-
Wisconsin										
July 2016	W	W	NA	558.7	-	W	W	NA	6,314.7	-
June 2016	W	W	W	W	-	W	W	W	W	-
July 2015	W	W	-	577.6	-	W	W	-	6,488.9	-
PAD District 3										
July 2016	119.1	122.6	W	W	1,705.9	1,524.2	1,555.9	99.2	55,726.5	16,809.3
June 2016	114.3	118.9	W	W	1,469.2	1,505.9	1,541.9	120.8	54,113.5	13,611.0
July 2015	101.8	107.8	W	W	830.3	1,429.3	1,489.7	115.9	53,272.1	11,059.9
Alabama										
July 2016	W	23.9	W	W	-	W	W	W	W	-
June 2016	W	24.4	W	W	-	W	W	W	W	-
July 2015	W	22.6	W	W	-	W	W	W	W	-
Arkansas										
July 2016	W	W	-	248.3	-	W	W	W	W	-
June 2016	W	W	-	246.9	-	W	W	W	W	-
July 2015	W	W	-	219.5	-	W	W	-	3,036.7	-
Louisiana										
July 2016	-	-	-	537.9	-	-	W	-	6,314.8	1,004.1
June 2016	-	-	-	W	W	-	W	-	6,364.2	637.2
July 2015	-	-	-	514.1	-	-	-	-	6,578.0	1,070.5
Mississippi										
July 2016	W	W	-	W	W	W	27.0	-	W	W
June 2016	W	W	-	W	W	W	25.1	-	W	W
July 2015	W	W	-	W	W	W	33.5	-	W	W
New Mexico										
July 2016	50.2	50.7	W	W	-	502.5	513.9	W	W	-
June 2016	47.1	47.6	W	W	-	488.5	498.4	W	W	-
July 2015	W	W	W	W	-	423.8	435.7	W	W	-
Texas										
July 2016	W	W	W	5,712.9	W	W	W	W	35,937.5	W
June 2016	W	W	W	3,622.7	W	W	W	W	34,149.8	W
July 2015	W	41.0	W	W	W	W	606.5	W	33,588.1	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
July 2016	415.2	433.0	W	W	W	85.7	86.9	-	161.9	-
June 2016	408.6	428.2	W	W	W	83.5	85.3	-	155.9	-
July 2015	410.2	425.4	W	W	-	82.9	84.2	-	181.3	-
Colorado										
July 2016	175.3	177.9	W	W	-	48.7	49.3	-	85.5	-
June 2016	172.3	177.0	W	W	-	47.2	48.0	-	82.0	-
July 2015	169.0	177.3	W	W	-	45.8	46.5	-	86.3	-
Idaho										
July 2016	W	W	-	1,404.6	-	W	W	-	9.2	-
June 2016	W	W	-	1,414.3	-	W	W	-	8.4	-
July 2015	W	W	-	1,524.3	-	W	W	-	27.1	-
Montana										
July 2016	W	W	-	1,410.9	-	W	W	-	10.7	-
June 2016	W	W	-	1,373.5	-	W	W	-	11.5	-
July 2015	W	W	-	1,449.8	-	W	W	-	13.3	-
Utah										
July 2016	W	W	W	2,661.8	W	W	W	-	43.8	-
June 2016	W	W	W	2,759.3	W	W	W	-	39.1	-
July 2015	NA	W	W	W	-	NA	W	-	31.3	-
Wyoming										
July 2016	W	13.2	-	985.8	-	W	W	-	12.7	-
June 2016	W	12.9	-	935.0	-	W	W	-	14.9	-
July 2015	W	W	-	1,030.6	-	W	W	-	23.4	-
PAD District 5										
July 2016	4,054.7	4,104.6	16,819.6	27,785.1	3,109.4	667.3	668.3	W	W	-
June 2016	4,170.7	4,223.0	16,785.9	27,932.8	3,514.8	679.8	680.8	W	W	-
July 2015	4,079.5	4,188.7	16,751.9	27,904.1	2,683.8	611.8	612.2	W	W	-
Alaska										
July 2016	W	W	85.0	W	W	W	W	W	W	-
June 2016	W	W	84.8	W	W	W	W	W	8.3	-
July 2015	W	W	W	W	W	W	W	W	5.1	-
Arizona										
July 2016	W	W	W	4,028.5	W	W	W	W	W	-
June 2016	W	W	W	4,109.3	W	W	W	W	W	-
July 2015	W	W	W	4,002.9	W	W	W	W	W	-
California										
July 2016	W	W	12,378.1	14,197.4	2,068.7	W	W	214.9	245.4	-
June 2016	W	W	12,288.0	W	W	W	W	215.5	242.5	-
July 2015	3,016.0	3,023.4	12,303.5	14,154.6	1,847.3	W	W	220.7	240.9	-
Hawaii										
July 2016	W	W	W	W	W	W	W	W	W	-
June 2016	W	W	W	W	W	W	W	W	W	-
July 2015	W	W	W	W	W	W	W	W	W	-
Nevada										
July 2016	W	W	W	1,388.3	W	W	W	W	W	-
June 2016	W	W	W	1,257.0	W	W	W	W	W	-
July 2015	NA	W	820.7	W	W	NA	NA	W	W	-
Oregon										
July 2016	97.1	97.1	W	2,569.9	W	7.0	7.0	W	W	-
June 2016	100.8	100.8	W	2,557.3	W	7.0	7.0	5.5	16.8	-
July 2015	149.5	149.5	W	2,634.8	W	7.0	7.0	7.0	19.0	-
Washington										
July 2016	263.6	271.1	W	5,040.6	W	28.7	29.0	W	W	-
June 2016	268.7	277.1	W	5,080.2	W	30.3	30.5	W	W	-
July 2015	310.3	317.2	W	5,140.3	W	29.9	30.2	W	W	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
July 2016	86.2	91.6	W	W	W	587.1	611.5	W	13,979.9	W
June 2016	80.8	84.6	W	W	W	572.9	598.1	W	13,693.8	W
July 2015	76.4	78.7	W	W	-	569.5	588.3	W	W	-
Colorado										
July 2016	40.0	40.1	W	W	-	264.0	267.3	W	W	-
June 2016	37.7	37.8	W	W	-	257.1	262.8	W	W	-
July 2015	35.4	36.2	W	W	-	250.1	259.9	W	W	-
Idaho										
July 2016	W	W	-	260.2	-	W	W	-	1,674.0	-
June 2016	W	W	-	242.8	-	W	W	-	1,665.4	-
July 2015	W	W	-	237.6	-	W	W	-	1,788.9	-
Montana										
July 2016	W	W	-	332.8	-	W	W	-	1,754.5	-
June 2016	W	W	-	319.6	-	W	W	-	1,704.6	-
July 2015	W	W	-	312.6	-	W	W	-	1,775.7	-
Utah										
July 2016	W	W	W	W	W	W	W	W	W	W
June 2016	W	W	W	W	W	W	W	W	W	W
July 2015	NA	NA	W	W	-	NA	W	W	W	-
Wyoming										
July 2016	W	W	-	179.1	-	W	18.2	-	1,177.7	-
June 2016	W	W	-	166.2	-	W	17.6	-	1,116.1	-
July 2015	W	W	-	181.7	-	W	W	-	1,235.7	-
PAD District 5										
July 2016	1,120.4	1,125.8	4,638.1	W	W	5,842.3	5,898.7	W	33,968.6	W
June 2016	1,153.0	1,157.9	4,602.8	W	W	6,003.5	6,061.7	W	34,052.8	W
July 2015	1,002.2	1,022.9	4,039.2	W	W	5,693.4	5,823.8	W	33,306.3	W
Alaska										
July 2016	W	W	W	26.8	-	W	W	104.9	W	W
June 2016	W	W	W	47.3	W	W	W	104.9	W	W
July 2015	W	W	W	47.0	-	W	W	W	W	W
Arizona										
July 2016	W	W	173.8	W	W	W	W	W	4,580.5	W
June 2016	W	W	177.4	W	W	W	W	W	4,708.3	W
July 2015	W	W	165.2	W	W	W	W	W	4,526.5	W
California										
July 2016	W	W	3,722.8	3,560.6	208.3	W	W	16,315.8	18,003.4	2,277.0
June 2016	W	W	3,681.2	W	W	W	W	16,184.7	18,001.8	2,545.4
July 2015	W	W	3,214.3	2,983.8	165.5	4,375.0	4,382.5	15,738.5	17,379.3	2,012.8
Hawaii										
July 2016	W	W	W	W	W	W	W	W	W	W
June 2016	W	W	W	W	W	W	W	W	W	W
July 2015	W	W	W	W	W	W	W	W	W	W
Nevada										
July 2016	W	W	W	W	W	W	W	W	1,748.0	W
June 2016	W	W	229.9	W	W	W	W	W	1,581.8	W
July 2015	NA	W	204.8	259.4	-	NA	W	W	1,571.3	W
Oregon										
July 2016	14.8	14.8	140.1	W	W	118.9	118.9	W	2,949.3	W
June 2016	15.5	15.5	W	351.2	W	123.3	123.3	W	2,925.3	W
July 2015	17.6	17.6	W	305.0	W	174.1	174.1	1,036.6	2,958.8	461.6
Washington										
July 2016	47.3	47.8	265.9	W	W	339.7	347.9	W	6,041.4	W
June 2016	48.3	48.8	268.3	W	W	347.3	356.3	W	6,080.0	W
July 2015	49.7	50.5	250.7	W	W	389.9	397.9	W	6,089.1	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
July 2016	16,769.8	16,982.5	5,136.4	189,987.9	21,367.1
June 2016	16,794.5	17,047.0	5,202.5	189,028.0	18,698.8
July 2015	16,666.8	16,977.4	4,954.1	188,246.2	15,629.9
PAD District 1					
July 2016	W	W	W	W	1,063.4
June 2016	W	W	W	50,970.1	W
July 2015	W	W	W	50,197.6	W
Subdistrict 1A					
July 2016	-	-	W	W	-
June 2016	-	-	W	W	-
July 2015	-	-	-	503.0	-
Connecticut					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Maine					
July 2016	-	-	W	W	-
June 2016	-	-	W	W	-
July 2015	-	-	-	W	-
Massachusetts					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
New Hampshire					
July 2016	-	-	W	W	-
June 2016	-	-	W	W	-
July 2015	-	-	-	W	-
Rhode Island					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Vermont					
July 2016	-	-	W	W	-
June 2016	-	-	W	W	-
July 2015	-	-	-	96.5	-
Subdistrict 1B					
July 2016	W	W	W	W	1,063.4
June 2016	W	W	W	W	993.6
July 2015	W	W	W	W	W
Delaware					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
District of Columbia					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Maryland					
July 2016	-	-	-	W	W
June 2016	-	-	-	W	W
July 2015	-	-	-	W	W
New Jersey					
July 2016	-	-	-	-	W
June 2016	-	-	-	-	-
July 2015	-	-	-	-	304.9
New York					
July 2016	W	W	W	2,720.5	W
June 2016	W	W	W	2,748.8	W
July 2015	W	W	W	2,903.7	W
Pennsylvania					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
July 2016	9,331.5	9,351.8	18,414.5	77,133.6	3,617.6
June 2016	9,637.8	9,664.1	18,354.8	79,301.2	4,319.8
July 2015	9,295.1	9,331.7	17,766.1	75,636.6	2,882.1
PAD District 1					
July 2016	W	W	W	W	W
June 2016	W	W	W	29,215.3	W
July 2015	W	W	W	W	W
Subdistrict 1A					
July 2016	W	W	W	W	W
June 2016	W	W	W	W	W
July 2015	W	W	W	W	W
Connecticut					
July 2016	-	W	W	2,490.6	W
June 2016	-	W	W	2,579.6	W
July 2015	-	W	W	2,445.1	W
Maine					
July 2016	-	-	-	W	-
June 2016	-	-	-	W	-
July 2015	-	-	-	W	-
Massachusetts					
July 2016	W	W	W	W	-
June 2016	W	W	W	W	-
July 2015	W	W	-	1,023.1	-
New Hampshire					
July 2016	W	W	-	-	-
June 2016	W	W	-	-	-
July 2015	W	W	-	-	-
Rhode Island					
July 2016	W	W	W	799.5	W
June 2016	W	W	W	819.7	W
July 2015	W	W	W	W	W
Vermont					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Subdistrict 1B					
July 2016	W	W	W	W	W
June 2016	W	W	W	W	W
July 2015	W	W	W	W	W
Delaware					
July 2016	W	W	-	1,161.4	-
June 2016	W	W	-	1,212.1	-
July 2015	W	W	-	1,232.6	-
District of Columbia					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Maryland					
July 2016	-	W	-	W	-
June 2016	-	W	W	W	W
July 2015	-	W	W	W	-
New Jersey					
July 2016	W	W	W	7,772.2	W
June 2016	W	W	W	W	-
July 2015	W	W	W	W	-
New York					
July 2016	W	W	W	3,451.1	W
June 2016	W	W	W	3,558.6	W
July 2015	W	W	W	3,264.5	W
Pennsylvania					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	NA	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
July 2016	26,101.4	26,334.4	23,550.9	267,121.5	24,984.6
June 2016	26,432.4	26,711.1	23,557.3	268,329.3	23,018.6
July 2015	25,961.9	26,309.1	22,720.1	263,882.6	18,512.0
PAD District 1					
July 2016	8,574.5	8,591.8	W	78,322.2	W
June 2016	8,764.3	8,783.9	W	80,185.5	W
July 2015	8,511.9	8,530.3	W	W	2,760.7
Subdistrict 1A					
July 2016	W	W	W	W	W
June 2016	W	W	W	5,114.3	W
July 2015	W	W	W	W	W
Connecticut					
July 2016	-	W	W	2,490.6	W
June 2016	-	W	W	2,579.6	W
July 2015	-	W	W	2,445.1	W
Maine					
July 2016	-	-	W	W	-
June 2016	-	-	W	W	-
July 2015	-	-	-	722.9	-
Massachusetts					
July 2016	W	W	W	W	-
June 2016	W	W	W	W	-
July 2015	W	W	-	1,023.1	-
New Hampshire					
July 2016	W	W	W	W	-
June 2016	W	W	W	W	-
July 2015	W	W	-	W	-
Rhode Island					
July 2016	W	W	W	799.5	W
June 2016	W	W	W	819.7	W
July 2015	W	W	W	W	W
Vermont					
July 2016	-	-	W	W	-
June 2016	-	-	W	W	-
July 2015	-	-	-	96.5	-
Subdistrict 1B					
July 2016	4,082.2	4,084.4	W	24,937.5	W
June 2016	4,208.4	4,210.3	W	26,115.4	W
July 2015	4,026.0	4,027.5	W	24,710.6	W
Delaware					
July 2016	W	W	-	1,161.4	-
June 2016	W	W	-	1,212.1	-
July 2015	W	W	-	1,232.6	-
District of Columbia					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Maryland					
July 2016	-	W	-	W	W
June 2016	-	W	W	4,428.5	W
July 2015	-	W	W	4,332.2	W
New Jersey					
July 2016	W	W	W	7,772.2	W
June 2016	W	W	W	W	-
July 2015	W	W	W	W	304.9
New York					
July 2016	2,497.4	2,497.5	W	6,171.6	W
June 2016	2,588.9	2,588.9	W	6,307.3	W
July 2015	2,464.1	2,464.1	W	6,168.2	W
Pennsylvania					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	W	NA	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
July 2016	W	W	W	W	-
June 2016	W	W	W	44,168.0	W
July 2015	W	3,669.7	W	W	W
Florida					
July 2016	W	W	-	15,756.3	-
June 2016	W	W	-	15,894.9	-
July 2015	W	W	-	15,722.9	-
Georgia					
July 2016	W	144.5	W	W	-
June 2016	W	140.5	W	W	-
July 2015	W	132.6	W	8,557.1	W
North Carolina					
July 2016	W	W	-	10,007.0	-
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W
South Carolina					
July 2016	W	W	-	4,963.5	-
June 2016	W	W	-	4,961.3	-
July 2015	W	W	-	5,048.2	-
Virginia					
July 2016	W	W	-	3,464.3	-
June 2016	W	W	W	W	-
July 2015	W	W	W	W	-
West Virginia					
July 2016	W	W	-	789.0	-
June 2016	W	W	-	843.6	-
July 2015	W	W	-	771.5	-
PAD District 2					
July 2016	W	W	W	72,514.8	W
June 2016	W	W	W	73,199.5	W
July 2015	W	W	W	72,871.5	W
Illinois					
July 2016	W	34.7	-	W	W
June 2016	W	31.8	-	W	W
July 2015	W	14.9	-	W	W
Indiana					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W
Iowa					
July 2016	-	W	-	3,042.9	-
June 2016	-	W	-	3,179.3	-
July 2015	-	W	-	2,860.6	-
Kansas					
July 2016	W	W	-	4,737.3	869.8
June 2016	W	W	-	4,725.3	990.5
July 2015	W	W	-	W	W
Kentucky					
July 2016	W	W	-	W	W
June 2016	W	W	-	2,816.0	-
July 2015	W	W	-	W	W
Michigan					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W
Minnesota					
July 2016	W	W	W	5,959.1	W
June 2016	W	W	W	6,068.6	W
July 2015	W	W	-	W	W
Missouri					
July 2016	-	-	-	W	-
June 2016	-	-	-	2,823.6	-
July 2015	-	-	-	W	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
July 2016	-	-	-	4,562.7	-
June 2016	-	-	-	4,787.8	-
July 2015	-	W	-	W	W
Florida					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Georgia					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
North Carolina					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
South Carolina					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Virginia					
July 2016	-	-	-	4,562.7	-
June 2016	-	-	-	4,787.8	-
July 2015	-	W	-	W	W
West Virginia					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
PAD District 2					
July 2016	W	W	-	12,609.4	-
June 2016	W	W	-	13,084.2	-
July 2015	W	W	-	12,349.0	-
Illinois					
July 2016	W	W	-	8,256.8	-
June 2016	W	W	-	8,478.8	-
July 2015	W	W	-	7,961.0	-
Indiana					
July 2016	W	W	-	975.5	-
June 2016	W	W	-	1,063.4	-
July 2015	W	W	-	1,114.2	-
Iowa					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Kansas					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Kentucky					
July 2016	W	W	-	W	-
June 2016	W	W	-	1,043.0	-
July 2015	W	W	-	W	-
Michigan					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Minnesota					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Missouri					
July 2016	-	-	-	W	-
June 2016	-	-	-	819.1	-
July 2015	-	-	-	W	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
July 2016	W	W	W	W	-
June 2016	W	W	W	48,955.8	W
July 2015	W	W	W	48,293.6	W
Florida					
July 2016	W	W	-	15,756.3	-
June 2016	W	W	-	15,894.9	-
July 2015	W	W	-	15,722.9	-
Georgia					
July 2016	W	144.5	W	W	-
June 2016	W	140.5	W	W	-
July 2015	W	132.6	W	8,557.1	W
North Carolina					
July 2016	W	W	-	10,007.0	-
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W
South Carolina					
July 2016	W	W	-	4,963.5	-
June 2016	W	W	-	4,961.3	-
July 2015	W	W	-	5,048.2	-
Virginia					
July 2016	W	W	-	8,026.9	-
June 2016	W	W	W	W	-
July 2015	W	W	W	W	W
West Virginia					
July 2016	W	W	-	789.0	-
June 2016	W	W	-	843.6	-
July 2015	W	W	-	771.5	-
PAD District 2					
July 2016	9,573.3	9,676.5	W	85,124.2	W
June 2016	9,585.8	9,725.4	W	86,283.7	W
July 2015	9,757.8	9,877.1	W	85,220.5	W
Illinois					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W
Indiana					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W
Iowa					
July 2016	-	W	-	3,042.9	-
June 2016	-	W	-	3,179.3	-
July 2015	-	W	-	2,860.6	-
Kansas					
July 2016	W	W	-	4,737.3	869.8
June 2016	W	W	-	4,725.3	990.5
July 2015	W	W	-	W	W
Kentucky					
July 2016	W	W	-	W	W
June 2016	W	W	-	3,859.0	-
July 2015	W	W	-	W	W
Michigan					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W
Minnesota					
July 2016	W	W	W	5,959.1	W
June 2016	W	W	W	6,068.6	W
July 2015	W	W	-	W	W
Missouri					
July 2016	-	-	-	3,477.7	-
June 2016	-	-	-	3,642.7	-
July 2015	-	-	-	3,054.2	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
July 2016	W	W	-	1,677.2	-
June 2016	W	W	-	1,809.8	-
July 2015	W	W	-	1,672.9	-
North Dakota					
July 2016	W	W	NA	1,160.3	-
June 2016	W	W	W	W	-
July 2015	W	W	-	1,287.5	-
Ohio					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W
Oklahoma					
July 2016	W	W	-	4,663.9	756.0
June 2016	W	W	-	4,670.2	1,158.5
July 2015	W	W	-	4,716.2	420.0
South Dakota					
July 2016	W	W	-	1,040.2	-
June 2016	W	W	-	1,097.5	-
July 2015	W	W	-	1,184.0	-
Tennessee					
July 2016	W	933.2	W	W	-
June 2016	W	907.9	W	W	-
July 2015	W	892.4	W	W	-
Wisconsin					
July 2016		72.2	W	W	-
June 2016	65.5	66.6	W	W	-
July 2015	65.2	67.5	-	W	-
PAD District 3					
July 2016	1,524.2	1,555.9	99.2	W	W
June 2016	1,505.9	1,541.9	W	38,256.5	W
July 2015	1,429.3	1,489.7	W	W	11,059.9
Alabama					
July 2016	W	W	W	W	-
June 2016	W	W	W	W	-
July 2015	W	W	W	W	-
Arkansas					
July 2016	W	W	W	W	-
June 2016	W	W	W	W	-
July 2015	W	W	-	3,036.7	-
Louisiana					
July 2016	-	W	-	6,314.8	1,004.1
June 2016	-	W	-	6,364.2	W
July 2015	-	-	-	6,578.0	1,070.5
Mississippi					
July 2016	W	27.0	-	W	W
June 2016	W	25.1	-	W	W
July 2015	W	33.5	-	W	W
New Mexico					
July 2016	502.5	513.9	W	W	-
June 2016	488.5	498.4	W	W	-
July 2015	423.8	435.7	W	W	-
Texas					
July 2016	W	W	W	W	W
June 2016	W	W	W	W	10,698.7
July 2015	W	606.5	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
North Dakota					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Ohio					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Oklahoma					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
South Dakota					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Tennessee					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Wisconsin					
July 2016	W	W	-	W	-
June 2016	W	W	-	1,679.9	-
July 2015	W	W	-	W	-
PAD District 3					
July 2016	-	-	-	W	W
June 2016	-	-	W	15,856.9	W
July 2015	-	-	W	W	-
Alabama					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Arkansas					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Louisiana					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	W
July 2015	-	-	-	-	-
Mississippi					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
New Mexico					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Texas					
July 2016	-	-	-	W	W
June 2016	-	-	W	W	W
July 2015	-	-	W	W	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
July 2016	W	W	-	1,677.2	-
June 2016	W	W	-	1,809.8	-
July 2015	W	W	-	1,672.9	-
North Dakota					
July 2016	W	W	NA	1,160.3	-
June 2016	W	W	W	W	-
July 2015	W	W	-	1,287.5	-
Ohio					
July 2016	W	W	-	W	W
June 2016	W	W	-	W	W
July 2015	W	W	-	W	W
Oklahoma					
July 2016	W	W	-	4,663.9	756.0
June 2016	W	W	-	4,670.2	1,158.5
July 2015	W	W	-	4,716.2	420.0
South Dakota					
July 2016	W	W	-	1,040.2	-
June 2016	W	W	-	1,097.5	-
July 2015	W	W	-	1,184.0	-
Tennessee					
July 2016	W	933.2	W	W	-
June 2016	W	907.9	W	W	-
July 2015	W	892.4	W	W	-
Wisconsin					
July 2016	W	W	NA	6,314.7	-
June 2016	W	W	W	W	-
July 2015	W	W	-	6,488.9	-
PAD District 3					
July 2016	1,524.2	1,555.9	99.2	55,726.5	16,809.3
June 2016	1,505.9	1,541.9	120.8	54,113.5	13,611.0
July 2015	1,429.3	1,489.7	115.9	53,272.1	11,059.9
Alabama					
July 2016	W	W	W	W	-
June 2016	W	W	W	W	-
July 2015	W	W	W	W	-
Arkansas					
July 2016	W	W	W	W	-
June 2016	W	W	W	W	-
July 2015	W	W	-	3,036.7	-
Louisiana					
July 2016	-	W	-	6,314.8	1,004.1
June 2016	-	W	-	6,364.2	637.2
July 2015	-	-	-	6,578.0	1,070.5
Mississippi					
July 2016	W	27.0	-	W	W
June 2016	W	25.1	-	W	W
July 2015	W	33.5	-	W	W
New Mexico					
July 2016	502.5	513.9	W	W	-
June 2016	488.5	498.4	W	W	-
July 2015	423.8	435.7	W	W	-
Texas					
July 2016	W	W	W	35,937.5	W
June 2016	W	W	W	34,149.8	W
July 2015	W	606.5	W	33,588.1	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
July 2016	587.1	611.5	W	13,979.9	W
June 2016	572.9	598.1	W	13,693.8	W
July 2015	569.5	588.3	W	W	-
Colorado					
July 2016	264.0	267.3	W	W	-
June 2016	257.1	262.8	W	W	-
July 2015	250.1	259.9	W	W	-
Idaho					
July 2016	W	W	-	1,674.0	-
June 2016	W	W	-	1,665.4	-
July 2015	W	W	-	1,788.9	-
Montana					
July 2016	W	W	-	1,754.5	-
June 2016	W	W	-	1,704.6	-
July 2015	W	W	-	1,775.7	-
Utah					
July 2016	W	W	W	W	W
June 2016	W	W	W	W	W
July 2015	NA	W	W	W	-
Wyoming					
July 2016	W	18.2	-	1,177.7	-
June 2016	W	17.6	-	1,116.1	-
July 2015	W	W	-	1,235.7	-
PAD District 5					
July 2016	W	W	W	12,885.9	W
June 2016	W	W	W	12,907.9	W
July 2015	1,318.4	1,426.2	W	W	W
Alaska					
July 2016	W	W	104.9	W	W
June 2016	W	W	104.9	W	W
July 2015	W	W	W	W	W
Arizona					
July 2016	W	W	W	W	-
June 2016	W	W	W	W	-
July 2015	W	W	W	W	-
California					
July 2016	-	-	-	-	W
June 2016	-	-	-	-	W
July 2015	-	-	-	-	W
Hawaii					
July 2016	W	W	W	W	W
June 2016	W	W	W	W	W
July 2015	W	W	W	W	W
Nevada					
July 2016	W	W	W	1,748.0	W
June 2016	W	W	W	1,581.8	W
July 2015	NA	W	W	1,571.3	W
Oregon					
July 2016	118.9	118.9	W	2,949.3	W
June 2016	123.3	123.3	W	2,925.3	W
July 2015	174.1	174.1	1,036.6	2,958.8	461.6
Washington					
July 2016	339.7	347.9	W	6,041.4	W
June 2016	347.3	356.3	W	6,080.0	W
July 2015	389.9	397.9	W	6,089.1	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Colorado					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Idaho					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Montana					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Utah					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Wyoming					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
PAD District 5					
July 2016	W	W	W	21,082.6	W
June 2016	W	W	17,136.3	21,144.9	2,602.4
July 2015	4,375.0	4,397.6	16,677.5	W	W
Alaska					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Arizona					
July 2016	-	W	W	W	W
June 2016	-	W	951.7	W	W
July 2015	-	W	939.0	W	W
California					
July 2016	W	W	16,315.8	W	W
June 2016	W	W	16,184.7	W	W
July 2015	4,375.0	W	15,738.5	17,379.3	W
Hawaii					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Nevada					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Oregon					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-
Washington					
July 2016	-	-	-	-	-
June 2016	-	-	-	-	-
July 2015	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
July 2016	587.1	611.5	W	13,979.9	W
June 2016	572.9	598.1	W	13,693.8	W
July 2015	569.5	588.3	W	W	-
Colorado					
July 2016	264.0	267.3	W	W	-
June 2016	257.1	262.8	W	W	-
July 2015	250.1	259.9	W	W	-
Idaho					
July 2016	W	W	-	1,674.0	-
June 2016	W	W	-	1,665.4	-
July 2015	W	W	-	1,788.9	-
Montana					
July 2016	W	W	-	1,754.5	-
June 2016	W	W	-	1,704.6	-
July 2015	W	W	-	1,775.7	-
Utah					
July 2016	W	W	W	W	W
June 2016	W	W	W	W	W
July 2015	NA	W	W	W	-
Wyoming					
July 2016	W	18.2	-	1,177.7	-
June 2016	W	17.6	-	1,116.1	-
July 2015	W	W	-	1,235.7	-
PAD District 5					
July 2016	5,842.3	5,898.7	W	33,968.6	W
June 2016	6,003.5	6,061.7	W	34,052.8	W
July 2015	5,693.4	5,823.8	W	33,306.3	W
Alaska					
July 2016	W	W	104.9	W	W
June 2016	W	W	104.9	W	W
July 2015	W	W	W	W	W
Arizona					
July 2016	W	W	W	4,580.5	W
June 2016	W	W	W	4,708.3	W
July 2015	W	W	W	4,526.5	W
California					
July 2016	W	W	16,315.8	18,003.4	2,277.0
June 2016	W	W	16,184.7	18,001.8	2,545.4
July 2015	4,375.0	4,382.5	15,738.5	17,379.3	2,012.8
Hawaii					
July 2016	W	W	W	W	W
June 2016	W	W	W	W	W
July 2015	W	W	W	W	W
Nevada					
July 2016	W	W	W	1,748.0	W
June 2016	W	W	W	1,581.8	W
July 2015	NA	W	W	1,571.3	W
Oregon					
July 2016	118.9	118.9	W	2,949.3	W
June 2016	123.3	123.3	W	2,925.3	W
July 2015	174.1	174.1	1,036.6	2,958.8	461.6
Washington					
July 2016	339.7	347.9	W	6,041.4	W
June 2016	347.3	356.3	W	6,080.0	W
July 2015	389.9	397.9	W	6,089.1	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
July 2016	W	477.1	31,098.1	32,000.3	W	865.5	34.6	144.2	4,165.8	24,140.6
June 2016	W	493.4	32,748.8	30,944.3	W	709.7	21.4	127.1	5,979.1	25,529.1
July 2015	W	634.7	36,092.6	29,371.1	W	1,297.1	W	165.1	6,300.4	23,154.1
PAD District 1										
July 2016	W	139.6	6,288.6	5,503.0	W	W	-	2.0	W	3,350.4
June 2016	W	141.2	6,034.1	5,757.8	0.8	133.0	-	W	W	3,679.2
July 2015	W	138.5	6,571.5	4,660.2	W	165.5	-	7.2	W	3,434.0
Subdistrict 1A										
July 2016	W	W	379.7	497.9	W	-	-	W	W	412.0
June 2016	-	W	320.1	508.2	W	-	-	W	W	501.1
July 2015	W	W	W	378.5	W	-	-	W	W	379.3
Connecticut										
July 2016	-	-	W	W	-	-	-	-	-	49.3
June 2016	-	-	W	W	-	-	-	-	-	62.0
July 2015	-	-	W	W	-	-	-	-	-	19.7
Maine										
July 2016	W	W	W	W	-	-	-	W	W	124.1
June 2016	-	W	W	W	-	-	-	W	W	122.4
July 2015	W	W	W	W	-	-	-	-	W	94.1
Massachusetts										
July 2016	-	-	W	W	W	-	-	-	-	56.8
June 2016	-	-	W	W	W	-	-	-	-	89.7
July 2015	-	-	W	W	W	-	-	-	-	67.2
New Hampshire										
July 2016	-	-	W	W	W	-	-	-	-	41.9
June 2016	-	-	W	-	W	-	-	-	-	54.9
July 2015	-	-	W	-	-	-	-	W	-	60.0
Rhode Island										
July 2016	-	-	W	W	W	-	-	-	-	W
June 2016	-	-	W	W	W	-	-	-	-	W
July 2015	-	-	W	W	-	-	-	-	-	W
Vermont										
July 2016	-	-	W	W	-	-	-	W	W	W
June 2016	-	-	W	W	-	-	-	W	-	W
July 2015	-	-	W	-	-	-	-	W	W	W
Subdistrict 1B										
July 2016	W	W	3,819.1	3,760.0	W	W	-	1.4	W	1,475.8
June 2016	-	W	3,599.9	3,704.8	W	W	-	1.7	W	1,795.2
July 2015	W	W	4,566.5	2,484.9	W	W	-	6.5	W	1,680.5
Delaware										
July 2016	-	-	-	W	W	-	-	-	-	W
June 2016	-	-	-	W	W	-	-	-	-	W
July 2015	-	-	-	W	-	-	-	-	-	W
District of Columbia										
July 2016	-	-	-	-	-	-	-	-	-	-
June 2016	-	-	-	-	-	-	-	-	-	-
July 2015	-	-	-	-	-	-	-	-	-	-
Maryland										
July 2016	-	-	W	W	-	W	-	-	-	W
June 2016	-	-	W	W	-	W	-	-	-	W
July 2015	-	-	W	W	-	W	-	-	-	W
New Jersey										
July 2016	-	-	2,513.7	2,837.2	W	W	-	-	-	216.5
June 2016	-	-	2,257.4	2,907.8	W	124.2	-	-	-	298.1
July 2015	-	-	3,190.6	1,878.4	W	W	-	-	-	248.6
New York										
July 2016	-	W	W	164.5	W	W	-	W	W	249.9
June 2016	-	W	W	189.5	W	W	-	W	W	317.2
July 2015	-	W	W	145.2	W	W	-	W	W	291.1
Pennsylvania										
July 2016	W	W	W	711.2	W	W	-	W	W	784.3
June 2016	-	W	W	562.9	W	W	-	W	W	964.3
July 2015	W	W	W	377.9	W	W	-	W	W	920.7

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
July 2016	W	99.7	2,089.8	1,245.1	W	W	-	W	W	1,462.6
June 2016	W	106.8	2,114.1	1,544.8	W	W	-	W	W	1,382.9
July 2015	W	96.5	W	1,796.8	W	W	-	W	W	1,374.3
Florida										
July 2016	-	66.8	1,582.2	NA	W	-	-	-	-	274.1
June 2016	-	73.0	1,656.0	1,135.6	W	-	-	-	-	322.4
July 2015	-	73.0	1,455.6	1,442.2	-	-	-	-	-	249.4
Georgia										
July 2016	W	W	W	49.9	-	-	-	W	-	280.8
June 2016	W	W	W	95.4	-	-	-	W	-	251.5
July 2015	W	12.8	149.8	126.6	-	W	-	W	-	266.5
North Carolina										
July 2016	W	W	W	W	W	W	-	-	-	350.7
June 2016	W	W	W	119.2	W	W	-	-	-	256.3
July 2015	W	W	-	84.9	W	W	-	-	-	335.9
South Carolina										
July 2016	-	-	W	57.4	W	W	-	-	-	269.1
June 2016	-	-	55.5	W	W	W	-	-	-	299.5
July 2015	-	-	W	52.7	-	-	-	-	-	277.7
Virginia										
July 2016	-	W	209.8	123.7	-	W	-	-	-	W
June 2016	-	W	175.6	131.8	W	W	-	-	-	W
July 2015	-	W	113.1	W	-	-	-	-	W	145.6
West Virginia										
July 2016	-	-	W	W	W	-	-	-	W	W
June 2016	-	-	W	W	W	-	-	-	W	W
July 2015	-	-	W	W	-	-	-	-	W	NA
PAD District 2										
July 2016	W	160.2	5,756.4	5,313.6	W	14.9	2.3	63.0	W	5,159.2
June 2016	W	126.0	6,135.1	5,183.1	W	11.6	2.5	47.8	W	6,075.6
July 2015	W	197.3	6,094.5	4,924.6	W	W	W	62.4	W	7,056.9
Illinois										
July 2016	W	W	1,573.3	W	W	W	W	W	W	920.1
June 2016	W	W	1,620.4	W	W	W	W	W	W	943.9
July 2015	W	W	1,475.5	W	W	W	W	W	-	1,222.0
Indiana										
July 2016	-	-	653.2	378.4	W	W	-	W	W	245.5
June 2016	-	-	652.1	401.0	W	W	-	W	W	215.6
July 2015	-	-	749.5	259.7	W	W	-	W	W	255.3
Iowa										
July 2016	-	-	W	81.3	-	-	-	4.4	W	181.3
June 2016	-	-	W	W	-	-	-	W	W	W
July 2015	-	-	W	W	-	W	-	12.9	W	267.9
Kansas										
July 2016	W	W	W	W	-	W	-	11.6	W	1,300.3
June 2016	W	W	W	W	-	W	-	8.4	W	2,409.6
July 2015	W	W	W	W	-	W	-	9.5	W	2,351.8
Kentucky										
July 2016	W	W	W	W	W	W	W	W	-	378.9
June 2016	W	W	672.9	491.9	W	W	-	W	W	333.9
July 2015	-	W	632.1	363.3	W	W	W	W	-	398.7
Michigan										
July 2016	W	-	W	411.6	W	W	W	W	W	289.8
June 2016	W	-	W	333.2	W	W	W	W	W	294.5
July 2015	W	-	W	162.4	W	W	W	W	W	372.2
Minnesota										
July 2016	W	W	408.7	W	W	W	W	9.7	W	244.4
June 2016	W	W	414.5	W	NA	W	W	8.1	W	241.6
July 2015	W	W	435.7	W	-	W	W	16.0	W	346.3
Missouri										
July 2016	W	-	W	W	-	-	-	-	W	143.7
June 2016	W	W	W	W	-	-	-	-	-	115.2
July 2015	W	-	W	W	-	-	W	-	-	181.7

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
July 2016	W	-	W	W	-	-	-	1.2	W	164.3
June 2016	W	-	W	W	-	-	-	W	W	117.9
July 2015	W	-	W	W	-	-	-	W	W	178.5
North Dakota										
July 2016	-	-	W	W	-	-	-	8.8	W	200.9
June 2016	-	-	W	W	-	-	-	4.9	W	189.0
July 2015	-	-	W	W	-	-	-	6.2	W	252.7
Ohio										
July 2016	-	-	569.8	W	W	W	-	W	W	478.2
June 2016	-	-	553.6	W	W	W	-	W	W	439.8
July 2015	-	-	586.9	1,053.6	W	W	-	W	W	489.8
Oklahoma										
July 2016	W	-	W	491.1	-	W	-	-	W	123.7
June 2016	W	-	W	536.5	-	W	-	-	W	125.3
July 2015	W	-	W	387.4	-	W	-	W	W	W
South Dakota										
July 2016	-	-	W	5.8	-	-	NA	4.0	W	62.9
June 2016	-	-	W	W	-	W	W	0.9	W	W
July 2015	-	-	20.0	W	-	-	-	1.0	W	W
Tennessee										
July 2016	W	W	W	168.2	W	W	-	-	-	119.1
June 2016	W	18.3	W	215.6	W	W	-	-	-	135.4
July 2015	W	20.0	W	167.0	-	W	-	-	-	166.9
Wisconsin										
July 2016	-	-	W	NA	W	W	W	W	W	306.0
June 2016	-	-	W	W	W	W	W	W	W	318.6
July 2015	-	-	W	W	-	W	W	1.7	W	358.7
PAD District 3										
July 2016	W	91.8	7,038.2	11,301.4	-	787.3	-	W	4,006.8	13,336.7
June 2016	W	141.0	7,834.5	11,042.7	-	W	-	W	5,828.1	13,286.6
July 2015	W	W	10,122.8	13,185.9	-	1,100.3	-	-	6,150.4	10,389.2
Alabama										
July 2016	-	-	211.5	NA	-	W	-	-	-	105.2
June 2016	-	W	157.1	65.3	-	W	-	-	-	109.0
July 2015	-	W	217.6	W	-	W	-	-	-	161.7
Arkansas										
July 2016	-	-	W	W	-	-	-	-	-	W
June 2016	W	-	W	W	-	-	-	-	-	W
July 2015	W	W	W	W	-	-	-	-	W	W
Louisiana										
July 2016	W	W	921.7	4,215.8	-	W	-	W	W	293.6
June 2016	W	6.8	1,660.8	3,881.7	-	W	-	W	W	304.2
July 2015	-	10.9	1,024.5	4,764.6	-	W	-	-	2,134.2	221.4
Mississippi										
July 2016	-	W	W	W	-	-	-	-	-	230.3
June 2016	-	W	875.0	W	-	-	-	-	-	216.0
July 2015	-	W	995.1	826.4	-	-	-	-	-	169.9
New Mexico										
July 2016	W	-	W	53.9	-	-	-	-	W	W
June 2016	W	-	W	62.0	-	-	-	-	W	W
July 2015	W	-	W	58.6	-	-	-	-	W	W
Texas										
July 2016	W	82.3	5,293.6	5,251.8	-	W	-	-	2,935.9	12,614.6
June 2016	W	W	5,045.6	4,764.3	-	1.3	-	-	4,561.5	12,557.6
July 2015	W	82.6	7,790.8	7,475.6	-	W	-	-	4,015.9	9,728.1

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
July 2016	W	W	1,103.0	900.8	-	-	W	14.3	W	703.8
June 2016	W	W	1,073.4	987.8	-	-	W	9.5	W	776.5
July 2015	W	W	1,088.4	615.5	-	-	W	13.1	W	742.6
Colorado										
July 2016	W	-	395.3	489.9	-	-	-	5.6	W	194.7
June 2016	W	-	365.0	611.8	-	-	-	1.4	W	229.1
July 2015	W	-	446.0	238.6	-	-	-	4.6	W	265.7
Idaho										
July 2016	-	-	W	28.7	-	-	W	-	W	28.8
June 2016	-	-	W	30.2	-	-	W	W	W	25.0
July 2015	-	-	39.5	42.4	-	-	-	W	W	16.9
Montana										
July 2016	-	W	W	W	-	-	W	3.6	W	115.5
June 2016	-	W	W	W	-	-	W	4.5	W	129.7
July 2015	W	W	W	W	-	-	W	W	W	105.5
Utah										
July 2016	W	W	491.8	NA	-	-	-	W	-	98.4
June 2016	W	W	519.6	265.9	-	-	-	1.9	-	78.7
July 2015	-	W	477.5	219.8	-	-	-	W	-	76.9
Wyoming										
July 2016	-	-	W	W	-	-	-	W	W	266.4
June 2016	-	-	W	W	-	-	-	W	W	313.9
July 2015	-	-	W	W	-	-	-	1.5	W	277.6
PAD District 5										
July 2016	W	W	10,912.0	8,981.5	-	W	W	W	W	1,590.5
June 2016	W	W	11,671.7	7,973.0	-	W	W	64.8	W	1,711.4
July 2015	W	190.8	12,215.5	5,984.7	-	W	W	82.4	46.6	1,531.4
Alaska										
July 2016	W	W	W	W	-	-	W	W	W	W
June 2016	W	W	W	519.2	-	-	W	W	W	W
July 2015	W	W	W	NA	-	-	W	80.5	W	W
Arizona										
July 2016	W	W	120.7	NA	-	-	-	-	-	196.1
June 2016	W	W	150.6	214.3	-	-	-	-	W	204.4
July 2015	W	W	122.9	134.2	-	-	-	-	-	173.9
California										
July 2016	-	41.3	5,813.3	7,277.7	-	W	-	-	W	868.1
June 2016	-	35.7	6,074.7	6,526.3	-	W	-	-	W	988.8
July 2015	-	W	6,982.4	4,657.8	-	W	-	-	W	893.5
Hawaii										
July 2016	-	W	W	W	-	-	-	-	-	W
June 2016	-	W	W	W	-	-	-	-	-	W
July 2015	-	W	W	W	-	-	-	-	-	W
Nevada										
July 2016	-	-	W	W	-	-	-	-	-	24.8
June 2016	-	-	W	W	-	-	-	-	-	27.6
July 2015	-	-	296.2	W	-	-	-	-	-	24.4
Oregon										
July 2016	-	14.3	457.4	80.9	-	-	-	-	W	W
June 2016	-	17.0	511.2	92.9	-	-	-	-	W	W
July 2015	-	18.5	347.9	W	-	-	-	-	W	47.0
Washington										
July 2016	-	W	2,153.9	252.7	-	-	W	W	W	412.9
June 2016	-	NA	2,055.2	307.7	-	-	-	W	W	393.0
July 2015	-	W	1,868.4	365.4	-	-	-	1.8	W	374.6

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
July 2016	12,377.5	128,785.2	W	W	W	W
June 2016	12,303.9	135,498.7	W	W	W	W
July 2015	12,170.8	148,233.2	W	W	W	W
PAD District 1						
July 2016	2,117.3	25,204.3	-	W	-	W
June 2016	2,355.9	26,929.1	W	W	-	W
July 2015	W	W	W	-	-	W
Subdistrict 1A						
July 2016	31.1	W	-	-	-	-
June 2016	34.1	W	-	-	-	-
July 2015	33.1	W	-	-	-	-
Connecticut						
July 2016	W	W	-	-	-	-
June 2016	W	W	-	-	-	-
July 2015	W	W	-	-	-	-
Maine						
July 2016	-	W	-	-	-	-
June 2016	-	W	-	-	-	-
July 2015	-	142.0	-	-	-	-
Massachusetts						
July 2016	W	238.9	-	-	-	-
June 2016	W	215.0	-	-	-	-
July 2015	22.8	240.6	-	-	-	-
New Hampshire						
July 2016	W	W	-	-	-	-
June 2016	W	W	-	-	-	-
July 2015	W	W	-	-	-	-
Rhode Island						
July 2016	W	W	-	-	-	-
June 2016	W	W	-	-	-	-
July 2015	W	W	-	-	-	-
Vermont						
July 2016	W	W	-	-	-	-
June 2016	W	W	-	-	-	-
July 2015	W	W	-	-	-	-
Subdistrict 1B						
July 2016	595.9	W	-	W	-	W
June 2016	667.0	W	W	W	-	W
July 2015	W	W	W	-	-	W
Delaware						
July 2016	2.1	W	-	-	-	-
June 2016	2.6	W	-	-	-	-
July 2015	W	W	-	-	-	-
District of Columbia						
July 2016	-	W	-	-	-	-
June 2016	-	W	-	-	-	-
July 2015	-	W	-	-	-	-
Maryland						
July 2016	W	1,158.9	-	-	-	-
June 2016	W	W	-	-	-	-
July 2015	W	W	-	-	-	-
New Jersey						
July 2016	167.3	W	-	W	-	-
June 2016	W	W	W	W	-	-
July 2015	W	3,514.7	W	-	-	-
New York						
July 2016	W	W	-	-	-	W
June 2016	191.8	W	-	-	-	W
July 2015	W	W	-	-	-	W
Pennsylvania						
July 2016	W	5,232.1	-	-	-	-
June 2016	W	5,267.2	-	-	-	-
July 2015	W	6,501.7	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
July 2016	1,490.3	W	-	-	-	-
June 2016	1,654.9	W	-	-	-	-
July 2015	W	W	-	-	-	-
Florida						
July 2016	562.5	3,910.2	-	-	-	-
June 2016	578.3	4,294.6	-	-	-	-
July 2015	312.8	4,057.6	-	-	-	-
Georgia						
July 2016	139.4	2,338.8	-	-	-	-
June 2016	154.9	2,564.6	-	-	-	-
July 2015	160.0	2,618.6	-	-	-	-
North Carolina						
July 2016	410.8	W	-	-	-	-
June 2016	474.6	W	-	-	-	-
July 2015	481.7	W	-	-	-	-
South Carolina						
July 2016	W	1,099.3	-	-	-	-
June 2016	W	1,183.7	-	-	-	-
July 2015	W	1,273.5	-	-	-	-
Virginia						
July 2016	44.3	2,164.6	-	-	-	-
June 2016	50.9	2,391.3	-	-	-	-
July 2015	W	2,197.1	-	-	-	-
West Virginia						
July 2016	W	500.8	-	-	-	-
June 2016	W	612.0	-	-	-	-
July 2015	W	673.1	-	-	-	-
PAD District 2						
July 2016	W	W	-	-	-	-
June 2016	W	W	-	-	-	-
July 2015	W	W	-	-	-	-
Illinois						
July 2016	W	5,066.8	-	-	-	-
June 2016	W	5,227.0	-	-	-	-
July 2015	271.3	5,423.2	-	-	-	-
Indiana						
July 2016	W	3,074.2	-	-	-	-
June 2016	W	3,524.5	-	-	-	-
July 2015	W	4,078.0	-	-	-	-
Iowa						
July 2016	12.0	1,572.8	-	-	-	-
June 2016	11.7	1,977.0	-	-	-	-
July 2015	28.6	1,613.5	-	-	-	-
Kansas						
July 2016	W	2,892.9	-	-	-	-
June 2016	586.8	3,266.1	-	-	-	-
July 2015	W	3,243.6	-	-	-	-
Kentucky						
July 2016	W	W	-	-	-	-
June 2016	W	W	-	-	-	-
July 2015	W	W	-	-	-	-
Michigan						
July 2016	W	W	-	-	-	-
June 2016	W	W	-	-	-	-
July 2015	W	2,234.4	-	-	-	-
Minnesota						
July 2016	W	2,090.8	-	-	-	-
June 2016	W	2,466.1	-	-	-	-
July 2015	W	2,197.8	-	-	-	-
Missouri						
July 2016	6.8	1,352.3	-	-	-	-
June 2016	W	1,605.2	-	-	-	-
July 2015	W	1,235.9	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
July 2016	W	1,473.5	-	-	-	-
June 2016	W	1,473.5	-	-	-	-
July 2015	W	1,375.0	-	-	-	-
North Dakota						
July 2016	W	1,410.7	-	-	-	-
June 2016	W	1,437.6	-	-	-	-
July 2015	W	1,699.5	-	-	-	-
Ohio						
July 2016	815.9	4,098.8	-	-	-	-
June 2016	815.6	4,414.9	-	-	-	-
July 2015	895.2	4,564.3	-	-	-	-
Oklahoma						
July 2016	351.3	4,499.6	-	-	-	-
June 2016	W	5,078.2	-	-	-	-
July 2015	W	6,103.6	-	-	-	-
South Dakota						
July 2016	W	536.5	-	-	-	-
June 2016	W	576.5	-	-	-	-
July 2015	W	599.3	-	-	-	-
Tennessee						
July 2016	409.9	2,875.8	-	-	-	-
June 2016	432.4	3,216.5	-	-	-	-
July 2015	371.7	3,042.9	-	-	-	-
Wisconsin						
July 2016	W	2,015.1	-	-	-	-
June 2016	W	2,185.5	-	-	-	-
July 2015	W	2,074.4	-	-	-	-
PAD District 3						
July 2016	W	40,683.0	W	W	-	W
June 2016	W	40,263.6	W	W	-	722.0
July 2015	W	W	W	W	-	587.9
Alabama						
July 2016	170.7	1,899.7	-	-	-	-
June 2016	172.5	2,053.6	-	-	-	-
July 2015	169.3	1,773.4	-	-	-	-
Arkansas						
July 2016	W	1,258.3	-	-	-	-
June 2016	W	1,430.4	-	-	-	-
July 2015	W	W	-	-	-	-
Louisiana						
July 2016	284.1	W	-	W	-	W
June 2016	392.8	W	-	W	-	W
July 2015	W	W	-	W	-	W
Mississippi						
July 2016	107.2	W	-	-	-	-
June 2016	124.9	W	-	-	-	-
July 2015	62.2	W	-	-	-	-
New Mexico						
July 2016	334.4	1,206.8	-	-	-	-
June 2016	292.8	1,326.7	-	-	-	-
July 2015	281.3	1,182.4	-	-	-	-
Texas						
July 2016	1,675.7	27,124.3	W	W	-	W
June 2016	1,355.8	25,841.1	W	W	-	W
July 2015	W	36,874.3	W	W	-	W

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
July 2016	W	6,666.1	-	-	-	-
June 2016	W	7,164.5	-	-	-	-
July 2015	W	7,052.3	-	-	-	-
Colorado						
July 2016	251.5	2,217.0	-	-	-	-
June 2016	246.0	2,277.8	-	-	-	-
July 2015	258.1	2,162.3	-	-	-	-
Idaho						
July 2016	W	724.6	-	-	-	-
June 2016	W	889.0	-	-	-	-
July 2015	W	635.5	-	-	-	-
Montana						
July 2016	W	1,140.6	-	-	-	-
June 2016	W	1,188.7	-	-	-	-
July 2015	W	1,158.6	-	-	-	-
Utah						
July 2016	W	1,419.9	-	-	-	-
June 2016	W	1,654.1	-	-	-	-
July 2015	W	1,790.6	-	-	-	-
Wyoming						
July 2016	314.9	1,164.0	-	-	-	-
June 2016	308.5	1,154.8	-	-	-	-
July 2015	393.8	1,305.2	-	-	-	-
PAD District 5						
July 2016	W	W	W	-	W	W
June 2016	W	W	W	-	W	W
July 2015	2,043.0	W	W	-	W	-
Alaska						
July 2016	W	W	-	-	-	-
June 2016	W	W	-	-	-	-
July 2015	W	W	-	-	-	-
Arizona						
July 2016	556.6	1,191.7	-	-	-	-
June 2016	388.5	1,124.0	-	-	-	-
July 2015	516.2	1,145.9	-	-	-	-
California						
July 2016	1,164.4	W	-	-	-	W
June 2016	1,080.1	12,332.5	-	-	-	-
July 2015	W	12,581.2	-	-	W	-
Hawaii						
July 2016	W	W	W	-	W	W
June 2016	75.9	W	W	-	W	W
July 2015	W	W	W	-	W	-
Nevada						
July 2016	W	442.3	-	-	-	-
June 2016	W	376.3	-	-	-	-
July 2015	W	507.9	-	-	-	-
Oregon						
July 2016	8.8	1,897.7	-	-	-	-
June 2016	8.3	2,150.8	-	-	-	-
July 2015	9.7	2,118.8	-	-	-	-
Washington						
July 2016	201.8	3,473.4	-	-	-	-
June 2016	W	3,538.2	-	-	-	-
July 2015	121.0	3,529.9	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
July 2016	45.8	4,907.3	12,700.1	136,547.5
June 2016	58.9	4,767.6	12,595.1	143,364.7
July 2015	36.7	3,037.7	12,794.4	154,251.0
PAD District 1				
July 2016	13.0	2,772.8	2,130.4	28,288.5
June 2016	W	2,475.6	2,376.8	29,558.1
July 2015	W	1,710.5	2,077.9	29,015.3
Subdistrict 1A				
July 2016	-	W	31.1	1,158.0
June 2016	-	W	34.1	1,262.4
July 2015	-	W	33.1	1,122.7
Connecticut				
July 2016	-	W	W	360.2
June 2016	-	W	W	407.5
July 2015	-	W	W	406.5
Maine				
July 2016	-	W	-	161.9
June 2016	-	W	-	142.9
July 2015	-	-	-	142.0
Massachusetts				
July 2016	-	-	W	238.9
June 2016	-	-	W	215.0
July 2015	-	-	22.8	240.6
New Hampshire				
July 2016	-	W	W	W
June 2016	-	-	W	W
July 2015	-	-	W	W
Rhode Island				
July 2016	-	W	W	W
June 2016	-	W	W	W
July 2015	-	W	W	W
Vermont				
July 2016	-	W	W	W
June 2016	-	W	W	W
July 2015	-	W	W	W
Subdistrict 1B				
July 2016	13.0	2,620.3	609.0	14,857.6
June 2016	W	2,250.7	687.8	14,801.6
July 2015	W	1,564.6	605.2	14,598.9
Delaware				
July 2016	-	W	W	W
June 2016	-	W	W	W
July 2015	W	W	W	W
District of Columbia				
July 2016	-	-	-	W
June 2016	-	-	-	W
July 2015	-	-	-	W
Maryland				
July 2016	W	65.6	W	1,224.5
June 2016	W	W	W	1,261.7
July 2015	W	W	W	1,281.4
New Jersey				
July 2016	-	1,283.4	167.3	6,003.3
June 2016	-	1,091.9	175.6	5,895.3
July 2015	-	876.9	171.4	4,391.6
New York				
July 2016	W	W	175.2	1,097.3
June 2016	-	147.1	191.8	1,199.4
July 2015	W	312.5	212.4	1,817.3
Pennsylvania				
July 2016	W	1,039.4	254.9	6,271.5
June 2016	W	941.0	302.5	6,208.3
July 2015	W	253.8	194.1	6,755.5

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
July 2016	-	W	1,490.3	12,272.9
June 2016	-	W	1,654.9	13,494.1
July 2015	W	W	1,439.6	13,293.6
Florida				
July 2016	-	-	562.5	3,910.2
June 2016	-	-	578.3	4,294.6
July 2015	-	-	312.8	4,057.6
Georgia				
July 2016	-	-	139.4	2,338.8
June 2016	-	-	154.9	2,564.6
July 2015	-	-	160.0	2,618.6
North Carolina				
July 2016	-	W	410.8	2,259.1
June 2016	-	W	474.6	2,447.8
July 2015	-	W	481.7	2,473.7
South Carolina				
July 2016	-	-	W	1,099.3
June 2016	-	-	W	1,183.7
July 2015	-	-	W	1,273.5
Virginia				
July 2016	-	-	44.3	2,164.6
June 2016	-	-	50.9	2,391.3
July 2015	W	-	91.9	2,197.1
West Virginia				
July 2016	-	-	W	500.8
June 2016	-	-	W	612.0
July 2015	-	-	W	673.1
PAD District 2				
July 2016	W	W	4,098.4	37,169.1
June 2016	W	W	4,427.0	41,079.3
July 2015	W	W	4,549.7	41,374.8
Illinois				
July 2016	-	-	W	5,066.8
June 2016	-	-	W	5,227.0
July 2015	-	-	271.3	5,423.2
Indiana				
July 2016	-	-	W	3,074.2
June 2016	-	-	W	3,524.5
July 2015	-	-	W	4,078.0
Iowa				
July 2016	-	-	12.0	1,572.8
June 2016	-	-	11.7	1,977.0
July 2015	-	-	28.6	1,613.5
Kansas				
July 2016	-	-	W	2,892.9
June 2016	-	-	586.8	3,266.1
July 2015	-	-	W	3,243.6
Kentucky				
July 2016	-	W	W	1,843.9
June 2016	-	W	W	2,127.4
July 2015	-	W	W	1,889.5
Michigan				
July 2016	-	W	W	2,365.5
June 2016	-	W	W	2,503.3
July 2015	-	-	W	2,234.4
Minnesota				
July 2016	W	-	241.1	2,090.8
June 2016	W	-	254.7	2,466.1
July 2015	W	-	273.0	2,197.8
Missouri				
July 2016	-	-	6.8	1,352.3
June 2016	-	-	W	1,605.2
July 2015	-	-	W	1,235.9

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
July 2016	-	-	W	1,473.5
June 2016	-	-	W	1,473.5
July 2015	-	-	W	1,375.0
North Dakota				
July 2016	W	-	W	1,410.7
June 2016	W	-	W	1,437.6
July 2015	W	-	189.5	1,699.5
Ohio				
July 2016	-	-	815.9	4,098.8
June 2016	-	-	815.6	4,414.9
July 2015	-	-	895.2	4,564.3
Oklahoma				
July 2016	-	-	351.3	4,499.6
June 2016	-	-	W	5,078.2
July 2015	-	-	W	6,103.6
South Dakota				
July 2016	W	-	W	536.5
June 2016	W	-	W	576.5
July 2015	W	-	77.4	599.3
Tennessee				
July 2016	-	-	409.9	2,875.8
June 2016	-	-	432.4	3,216.5
July 2015	-	-	371.7	3,042.9
Wisconsin				
July 2016	W	-	54.4	2,015.1
June 2016	W	-	59.1	2,185.5
July 2015	W	-	68.0	2,074.4
PAD District 3				
July 2016	-	2,068.1	2,713.1	44,895.8
June 2016	-	W	2,384.3	45,395.6
July 2015	-	1,299.9	2,287.0	56,366.3
Alabama				
July 2016	-	-	170.7	1,899.7
June 2016	-	-	172.5	2,053.6
July 2015	-	-	169.3	1,773.4
Arkansas				
July 2016	-	-	W	1,258.3
June 2016	-	-	W	1,430.4
July 2015	-	W	W	1,240.0
Louisiana				
July 2016	-	W	284.1	9,757.4
June 2016	-	W	392.8	9,474.4
July 2015	-	W	W	12,330.6
Mississippi				
July 2016	-	W	W	2,625.2
June 2016	-	W	W	2,957.1
July 2015	-	W	62.2	2,452.2
New Mexico				
July 2016	-	-	334.4	1,206.8
June 2016	-	-	292.8	1,326.7
July 2015	-	-	281.3	1,182.4
Texas				
July 2016	-	791.4	1,707.7	28,148.5
June 2016	-	W	1,383.7	28,153.5
July 2015	-	331.0	1,646.7	37,387.8

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
July 2016	W	-	1,149.7	6,666.1
June 2016	W	-	1,128.4	7,164.5
July 2015	W	-	1,243.2	7,052.3
Colorado				
July 2016	-	-	251.5	2,217.0
June 2016	-	-	246.0	2,277.8
July 2015	-	-	258.1	2,162.3
Idaho				
July 2016	W	-	W	724.6
June 2016	W	-	77.1	889.0
July 2015	W	-	98.5	635.5
Montana				
July 2016	W	-	W	1,140.6
June 2016	W	-	159.5	1,188.7
July 2015	W	-	86.5	1,158.6
Utah				
July 2016	W	-	323.9	1,419.9
June 2016	W	-	337.3	1,654.1
July 2015	W	-	406.2	1,790.6
Wyoming				
July 2016	-	-	314.9	1,164.0
June 2016	-	-	308.5	1,154.8
July 2015	-	-	393.8	1,305.2
PAD District 5				
July 2016	W	W	2,608.5	19,527.9
June 2016	W	W	2,278.6	20,167.1
July 2015	W	W	2,636.6	20,442.3
Alaska				
July 2016	W	W	W	W
June 2016	W	W	177.5	403.9
July 2015	W	W	294.3	W
Arizona				
July 2016	-	-	556.6	1,191.7
June 2016	-	-	388.5	1,124.0
July 2015	-	-	516.2	1,145.9
California				
July 2016	-	-	1,164.4	11,820.7
June 2016	-	-	1,080.1	12,332.5
July 2015	-	-	1,250.0	12,581.2
Hawaii				
July 2016	-	-	W	W
June 2016	-	-	W	W
July 2015	-	-	W	W
Nevada				
July 2016	W	-	W	442.3
June 2016	W	-	148.0	W
July 2015	W	-	14.7	507.9
Oregon				
July 2016	-	-	8.8	1,897.7
June 2016	-	-	W	2,150.8
July 2015	-	-	W	2,118.8
Washington				
July 2016	-	-	201.8	3,473.4
June 2016	W	-	197.7	3,538.2
July 2015	-	-	121.0	3,529.9

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
July 2016	W	276.4	W	7,644.1	4,060.4	7,920.5	W	W
June 2016	W	632.8	W	8,273.0	3,799.0	8,905.7	W	106.0
July 2015	W	1,211.0	W	7,099.7	3,594.0	8,310.7	W	163.2
PAD District 1								
July 2016	W	W	W	W	W	1,604.5	-	-
June 2016	W	170.8	419.3	W	W	W	-	-
July 2015	W	W	W	W	W	2,122.3	-	-
Subdistrict 1A								
July 2016	-	-	-	-	-	-	-	-
June 2016	-	-	-	-	-	-	-	-
July 2015	-	-	-	-	-	-	-	-
Subdistrict 1B								
July 2016	W	W	W	W	W	1,604.5	-	-
June 2016	W	170.8	W	W	W	W	-	-
July 2015	W	W	W	W	W	2,122.3	-	-
Subdistrict 1C								
July 2016	-	-	W	-	W	-	-	-
June 2016	-	-	W	-	NA	-	-	-
July 2015	-	-	-	-	-	-	-	-
PAD District 2								
July 2016	-	-	-	W	-	W	-	W
June 2016	-	-	-	171.1	-	171.1	-	W
July 2015	-	W	-	W	-	252.3	-	W
PAD District 3								
July 2016	-	W	W	W	W	5,262.4	-	W
June 2016	-	NA	W	5,303.1	W	5,732.5	-	W
July 2015	-	425.2	W	4,275.5	W	4,700.7	-	W
PAD District 4								
July 2016	-	NA	-	W	-	W	W	-
June 2016	-	W	-	W	-	W	W	-
July 2015	-	NA	-	NA	-	NA	W	-
PAD District 5								
July 2016	W	W	W	W	2,991.7	849.6	-	-
June 2016	W	W	W	W	3,032.7	772.7	-	-
July 2015	W	W	W	W	2,832.4	1,167.5	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
July 2016	223,461.5	108,187.0	331,648.5	4,692.3	2,879.8	7,572.1
June 2016	226,384.7	110,359.6	336,744.5	4,640.1	2,861.1	7,501.2
July 2015	219,837.9	105,010.8	324,848.8	4,818.2	2,804.5	7,622.7
PAD District 1						
July 2016	67,640.1	43,622.0	111,262.1	1,626.9	1,150.0	2,776.9
June 2016	68,247.7	44,813.3	113,061.1	1,622.9	1,123.8	2,746.7
July 2015	66,070.0	42,451.8	108,521.7	1,626.4	1,181.7	2,808.2
Subdistrict 1A						
July 2016	2,047.0	14,150.4	16,197.4	22.7	372.5	395.2
June 2016	1,974.9	14,108.6	16,083.5	18.5	346.2	364.7
July 2015	2,232.6	13,357.5	15,590.1	22.1	359.9	382.0
Connecticut						
July 2016	-	3,632.7	3,632.7	-	97.3	97.3
June 2016	-	3,677.3	3,677.3	-	93.9	93.9
July 2015	-	3,795.2	3,795.2	-	93.7	93.7
Maine						
July 2016	854.9	1,180.1	2,035.0	7.6	23.7	31.3
June 2016	805.4	1,115.3	1,920.7	4.9	19.4	24.3
July 2015	937.8	1,111.5	2,049.3	6.5	23.5	30.0
Massachusetts						
July 2016	-	6,636.3	6,636.3	-	176.5	176.5
June 2016	-	6,640.2	6,640.2	-	163.9	163.9
July 2015	-	5,941.3	5,941.3	-	171.0	171.0
New Hampshire						
July 2016	376.6	1,092.2	1,468.8	3.9	30.3	34.2
June 2016	368.3	1,049.9	1,418.2	3.0	25.9	29.0
July 2015	456.5	1,071.9	1,528.4	4.1	26.9	31.0
Rhode Island						
July 2016	-	1,609.1	1,609.1	-	44.7	44.7
June 2016	-	1,626.0	1,626.0	-	43.1	43.1
July 2015	-	1,437.6	1,437.6	-	44.8	44.8
Vermont						
July 2016	815.5	-	815.5	11.2	-	11.2
June 2016	801.2	-	801.2	10.6	-	10.6
July 2015	838.3	-	838.3	11.5	-	11.5
Subdistrict 1B						
July 2016	12,168.7	24,890.6	37,059.3	204.4	659.8	864.2
June 2016	12,358.9	25,959.5	38,318.3	202.8	655.0	857.8
July 2015	11,993.0	24,661.6	36,654.6	211.7	698.9	910.7
Delaware						
July 2016	-	1,155.7	1,155.7	-	22.8	22.8
June 2016	-	1,209.8	1,209.8	-	22.7	22.7
July 2015	-	1,202.5	1,202.5	-	22.0	22.0
District of Columbia						
July 2016	-	146.4	146.4	-	7.5	7.5
June 2016	-	152.8	152.8	-	8.8	8.8
July 2015	-	154.3	154.3	-	9.3	9.3
Maryland						
July 2016	610.4	4,325.2	4,935.5	6.0	99.2	105.2
June 2016	604.8	4,497.0	5,101.8	6.5	97.2	103.6
July 2015	609.4	4,399.9	5,009.3	8.4	125.7	134.1
New Jersey						
July 2016	-	9,586.7	9,586.7	-	186.9	186.9
June 2016	-	10,219.3	10,219.3	-	185.8	185.8
July 2015	-	9,481.3	9,481.3	-	198.0	198.0
New York						
July 2016	6,470.0	7,240.8	13,710.8	93.5	286.0	379.5
June 2016	6,567.9	7,363.4	13,931.3	92.8	279.9	372.7
July 2015	6,286.3	6,930.8	13,217.2	95.4	275.3	370.6
Pennsylvania						
July 2016	5,088.3	2,435.9	7,524.2	104.9	57.4	162.2
June 2016	5,186.2	2,517.1	7,703.3	103.6	60.6	164.2
July 2015	5,097.3	2,492.8	7,590.1	107.9	68.7	176.6

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
July 2016	25,092.1	20,355.4	45,447.3	253,245.9	131,422.2	384,668.0
June 2016	24,879.1	20,544.8	45,423.8	255,904.0	133,765.5	389,669.5
July 2015	23,728.5	18,428.0	42,156.5	248,384.5	126,243.3	374,628.0
PAD District 1						
July 2016	7,784.3	7,497.5	15,281.8	77,051.2	52,269.5	129,320.7
June 2016	7,799.5	7,599.1	15,398.6	77,670.1	53,536.1	131,206.2
July 2015	7,512.3	6,908.8	14,421.1	75,208.7	50,542.3	125,751.0
Subdistrict 1A						
July 2016	208.4	2,019.6	2,228.0	2,278.1	16,542.5	18,820.6
June 2016	187.5	2,042.7	2,230.2	2,180.9	16,497.5	18,678.4
July 2015	199.9	1,721.9	1,921.8	2,454.6	15,439.4	17,894.0
Connecticut						
July 2016	-	598.2	598.2	-	4,328.2	4,328.2
June 2016	-	637.1	637.1	-	4,408.3	4,408.3
July 2015	-	512.5	512.5	-	4,401.5	4,401.5
Maine						
July 2016	90.1	85.8	175.9	952.7	1,289.6	2,242.3
June 2016	73.2	73.1	146.3	883.5	1,207.8	2,091.3
July 2015	82.3	74.8	157.1	1,026.6	1,209.8	2,236.4
Massachusetts						
July 2016	-	997.3	997.3	-	7,810.1	7,810.1
June 2016	-	979.7	979.7	-	7,783.8	7,783.8
July 2015	-	814.4	814.4	-	6,926.7	6,926.7
New Hampshire						
July 2016	35.4	122.1	157.5	415.9	1,244.5	1,660.5
June 2016	31.7	116.3	148.0	403.0	1,192.1	1,595.2
July 2015	33.7	122.7	156.4	494.4	1,221.5	1,715.9
Rhode Island						
July 2016	-	216.2	216.2	-	1,870.0	1,870.0
June 2016	-	236.5	236.5	-	1,905.6	1,905.6
July 2015	-	197.5	197.5	-	1,679.9	1,679.9
Vermont						
July 2016	82.9	-	82.9	909.5	-	909.5
June 2016	82.6	-	82.6	894.3	-	894.3
July 2015	83.9	-	83.9	933.7	-	933.7
Subdistrict 1B						
July 2016	1,225.6	4,631.7	5,857.3	13,598.6	30,182.1	43,780.6
June 2016	1,191.1	4,686.6	5,877.6	13,752.8	31,301.0	45,053.8
July 2015	1,176.7	4,367.3	5,544.0	13,381.5	29,727.9	43,109.3
Delaware						
July 2016	-	133.9	133.9	-	1,312.5	1,312.5
June 2016	-	147.5	147.5	-	1,380.0	1,380.0
July 2015	-	136.3	136.3	-	1,360.9	1,360.9
District of Columbia						
July 2016	-	34.3	34.3	-	188.1	188.1
June 2016	-	36.7	36.7	-	198.3	198.3
July 2015	-	36.4	36.4	-	199.9	199.9
Maryland						
July 2016	56.3	764.2	820.4	672.6	5,188.5	5,861.1
June 2016	49.6	779.1	828.7	660.9	5,373.2	6,034.1
July 2015	51.6	746.1	797.7	669.5	5,271.6	5,941.1
New Jersey						
July 2016	-	1,613.4	1,613.4	-	11,386.9	11,386.9
June 2016	-	1,622.8	1,622.8	-	12,027.9	12,027.9
July 2015	-	1,468.7	1,468.7	-	11,148.0	11,148.0
New York						
July 2016	692.9	1,703.8	2,396.7	7,256.4	9,230.7	16,487.1
June 2016	671.9	1,706.9	2,378.8	7,332.5	9,350.3	16,682.8
July 2015	636.6	1,581.5	2,218.1	7,018.3	8,787.6	15,805.9
Pennsylvania						
July 2016	476.5	382.1	858.6	5,669.6	2,875.4	8,545.0
June 2016	469.6	393.6	863.2	5,759.4	2,971.3	8,730.7
July 2015	488.5	398.3	886.7	5,693.7	2,959.8	8,653.5

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
July 2016	53,424.5	4,581.0	58,005.3	1,399.8	117.7	1,517.5
June 2016	53,914.0	4,745.2	58,659.1	1,401.6	122.6	1,524.2
July 2015	51,844.3	4,432.6	56,277.0	1,392.6	122.9	1,515.5
Florida						
July 2016	17,483.8	-	17,483.8	356.5	-	356.5
June 2016	17,661.5	-	17,661.5	351.8	-	351.8
July 2015	17,330.0	-	17,330.0	370.0	-	370.0
Georgia						
July 2016	12,432.1	-	12,432.1	376.8	-	376.8
June 2016	12,626.5	-	12,626.5	373.9	-	373.9
July 2015	11,259.1	-	11,259.1	368.2	-	368.2
North Carolina						
July 2016	10,910.6	-	10,910.6	320.1	-	320.1
June 2016	11,009.7	-	11,009.7	334.5	-	334.5
July 2015	10,733.2	-	10,733.2	305.7	-	305.7
South Carolina						
July 2016	6,651.5	-	6,651.5	223.4	-	223.4
June 2016	6,601.3	-	6,601.3	221.0	-	221.0
July 2015	6,508.9	-	6,508.9	218.1	-	218.1
Virginia						
July 2016	4,096.2	4,581.0	8,677.2	87.7	117.7	205.5
June 2016	4,093.7	4,745.2	8,838.9	85.3	122.6	207.9
July 2015	4,138.7	4,432.6	8,571.3	92.6	122.9	215.5
West Virginia						
July 2016	1,850.2	-	1,850.2	35.2	-	35.2
June 2016	1,921.3	-	1,921.3	35.2	-	35.2
July 2015	1,874.5	-	1,874.5	38.0	-	38.0
PAD District 2						
July 2016	80,823.5	14,195.5	95,019.0	1,562.4	252.5	1,814.9
June 2016	82,154.3	14,661.7	96,816.1	1,558.7	258.1	1,816.8
July 2015	80,860.8	13,775.4	94,636.2	1,700.1	252.9	1,953.0
Illinois						
July 2016	4,545.5	7,472.7	12,018.2	91.5	125.7	217.3
June 2016	4,628.5	7,698.0	12,326.5	88.6	130.6	219.2
July 2015	4,680.9	7,216.4	11,897.3	115.1	124.9	240.0
Indiana						
July 2016	7,030.8	1,210.5	8,241.3	124.6	28.9	153.5
June 2016	7,114.8	1,247.6	8,362.3	126.0	29.6	155.5
July 2015	7,065.9	1,147.4	8,213.3	127.6	29.6	157.2
Iowa						
July 2016	2,921.2	-	2,921.2	102.4	-	102.4
June 2016	3,327.4	-	3,327.4	111.9	-	111.9
July 2015	2,724.7	-	2,724.7	121.7	-	121.7
Kansas						
July 2016	4,132.9	-	4,132.9	65.0	-	65.0
June 2016	4,135.1	-	4,135.1	62.5	-	62.5
July 2015	4,223.7	-	4,223.7	64.1	-	64.1
Kentucky						
July 2016	4,179.6	1,122.3	5,301.9	72.4	20.7	93.1
June 2016	4,189.6	1,171.4	5,361.0	69.2	21.1	90.3
July 2015	4,098.5	1,097.5	5,196.1	73.0	20.7	93.6
Michigan						
July 2016	11,930.9	-	11,930.9	100.9	-	100.9
June 2016	12,039.2	-	12,039.2	95.7	-	95.7
July 2015	11,936.8	-	11,936.8	109.9	-	109.9
Minnesota						
July 2016	6,087.6	-	6,087.6	200.1	-	200.1
June 2016	6,344.0	-	6,344.0	209.6	-	209.6
July 2015	6,362.8	-	6,362.8	213.4	-	213.4
Missouri						
July 2016	4,745.6	2,452.8	7,198.5	91.1	45.6	136.7
June 2016	4,921.0	2,545.1	7,466.1	89.2	46.1	135.4
July 2015	4,557.3	2,408.6	6,965.9	89.4	46.7	136.2

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
July 2016	6,350.3	846.3	7,196.6	61,174.5	5,545.0	66,719.5
June 2016	6,420.9	869.9	7,290.8	61,736.5	5,737.7	67,474.2
July 2015	6,135.6	819.6	6,955.2	59,372.6	5,375.1	64,747.6
Florida						
July 2016	2,439.9	-	2,439.9	20,280.3	-	20,280.3
June 2016	2,452.8	-	2,452.8	20,466.0	-	20,466.0
July 2015	2,290.6	-	2,290.6	19,990.6	-	19,990.6
Georgia						
July 2016	1,498.2	-	1,498.2	14,307.1	-	14,307.1
June 2016	1,512.1	-	1,512.1	14,512.6	-	14,512.6
July 2015	1,420.5	-	1,420.5	13,047.8	-	13,047.8
North Carolina						
July 2016	1,232.1	-	1,232.1	12,462.7	-	12,462.7
June 2016	1,259.7	-	1,259.7	12,603.9	-	12,603.9
July 2015	1,207.2	-	1,207.2	12,246.1	-	12,246.1
South Carolina						
July 2016	703.2	-	703.2	7,578.2	-	7,578.2
June 2016	702.2	-	702.2	7,524.5	-	7,524.5
July 2015	737.2	-	737.2	7,464.2	-	7,464.2
Virginia						
July 2016	369.2	846.3	1,215.5	4,553.1	5,545.0	10,098.1
June 2016	381.0	869.9	1,250.9	4,560.0	5,737.7	10,297.7
July 2015	373.9	819.6	1,193.5	4,605.2	5,375.1	9,980.3
West Virginia						
July 2016	107.8	-	107.8	1,993.2	-	1,993.2
June 2016	113.1	-	113.1	2,069.6	-	2,069.6
July 2015	106.1	-	106.1	2,018.5	-	2,018.5
PAD District 2						
July 2016	6,973.9	1,667.3	8,641.2	89,359.7	16,115.3	105,475.0
June 2016	6,992.6	1,683.2	8,675.8	90,705.7	16,603.0	107,308.7
July 2015	6,936.9	1,594.3	8,531.2	89,497.8	15,622.6	105,120.5
Illinois						
July 2016	252.0	1,046.6	1,298.6	4,889.0	8,645.1	13,534.1
June 2016	279.9	1,055.6	1,335.5	4,997.0	8,884.1	13,881.1
July 2015	268.6	998.6	1,267.3	5,064.7	8,339.9	13,404.6
Indiana						
July 2016	483.8	118.0	601.8	7,639.2	1,357.5	8,996.6
June 2016	477.4	121.2	598.7	7,718.2	1,398.4	9,116.5
July 2015	479.6	120.5	600.1	7,673.1	1,297.5	8,970.6
Iowa						
July 2016	375.0	-	375.0	3,398.5	-	3,398.5
June 2016	384.7	-	384.7	3,824.0	-	3,824.0
July 2015	386.3	-	386.3	3,232.7	-	3,232.7
Kansas						
July 2016	337.2	-	337.2	4,535.0	-	4,535.0
June 2016	336.8	-	336.8	4,534.4	-	4,534.4
July 2015	309.4	-	309.4	4,597.3	-	4,597.3
Kentucky						
July 2016	276.0	103.2	379.2	4,528.0	1,246.3	5,774.2
June 2016	272.0	101.3	373.3	4,530.8	1,293.8	5,824.6
July 2015	279.3	95.0	374.3	4,450.8	1,213.2	5,664.0
Michigan						
July 2016	879.6	-	879.6	12,911.5	-	12,911.5
June 2016	836.1	-	836.1	12,970.9	-	12,970.9
July 2015	878.7	-	878.7	12,925.5	-	12,925.5
Minnesota						
July 2016	601.1	-	601.1	6,888.8	-	6,888.8
June 2016	615.4	-	615.4	7,169.0	-	7,169.0
July 2015	674.9	-	674.9	7,251.0	-	7,251.0
Missouri						
July 2016	405.1	221.8	626.9	5,241.8	2,720.2	7,962.0
June 2016	400.7	226.1	626.7	5,410.9	2,817.3	8,228.2
July 2015	367.1	201.6	568.8	5,013.8	2,657.0	7,670.8

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
July 2016	1,982.3	-	1,982.3	61.8	-	61.8
June 2016	2,081.8	-	2,081.8	57.4	-	57.4
July 2015	1,929.5	-	1,929.5	77.6	-	77.6
North Dakota						
July 2016	1,017.5	-	1,017.5	42.3	-	42.3
June 2016	1,065.8	-	1,065.8	37.5	-	37.5
July 2015	1,140.0	-	1,140.0	52.5	-	52.5
Ohio						
July 2016	12,030.2	-	12,030.2	199.3	-	199.3
June 2016	12,350.1	-	12,350.1	199.0	-	199.0
July 2015	12,467.7	-	12,467.7	209.0	-	209.0
Oklahoma						
July 2016	5,270.5	-	5,270.5	74.2	-	74.2
June 2016	5,224.0	-	5,224.0	72.3	-	72.3
July 2015	4,942.2	-	4,942.2	74.1	-	74.1
South Dakota						
July 2016	1,153.8	-	1,153.8	34.5	-	34.5
June 2016	1,190.1	-	1,190.1	36.8	-	36.8
July 2015	1,162.1	-	1,162.1	50.6	-	50.6
Tennessee						
July 2016	8,690.7	-	8,690.7	211.9	-	211.9
June 2016	8,416.1	-	8,416.1	215.4	-	215.4
July 2015	8,373.6	-	8,373.6	219.4	-	219.4
Wisconsin						
July 2016	5,104.6	1,937.1	7,041.7	90.3	31.6	121.9
June 2016	5,126.9	1,999.6	7,126.5	87.5	30.7	118.3
July 2015	5,195.2	1,905.4	7,100.5	102.6	31.0	133.6
PAD District 3						
July 2016	44,376.5	14,872.7	59,249.1	714.9	316.2	1,031.1
June 2016	45,587.6	15,273.6	60,861.1	697.6	310.2	1,007.9
July 2015	42,986.8	14,242.5	57,229.3	708.6	299.5	1,008.1
Alabama						
July 2016	6,185.7	-	6,185.7	137.6	-	137.6
June 2016	6,251.2	-	6,251.2	142.5	-	142.5
July 2015	5,973.5	-	5,973.5	131.2	-	131.2
Arkansas						
July 2016	3,722.4	-	3,722.4	60.3	-	60.3
June 2016	3,790.6	-	3,790.6	58.2	-	58.2
July 2015	3,732.6	-	3,732.6	61.2	-	61.2
Louisiana						
July 2016	6,987.9	-	6,987.9	76.3	-	76.3
June 2016	6,874.8	-	6,874.8	75.6	-	75.6
July 2015	6,879.6	-	6,879.6	86.8	-	86.8
Mississippi						
July 2016	4,639.1	-	4,639.1	73.7	-	73.7
June 2016	4,859.0	-	4,859.0	72.3	-	72.3
July 2015	4,124.7	-	4,124.7	75.9	-	75.9
New Mexico						
July 2016	2,454.6	-	2,454.6	97.6	-	97.6
June 2016	2,416.7	-	2,416.7	90.3	-	90.3
July 2015	2,354.6	-	2,354.6	85.0	-	85.0
Texas						
July 2016	20,386.6	14,872.7	35,259.3	269.4	316.2	585.6
June 2016	21,395.1	15,273.6	36,668.8	258.7	310.2	569.0
July 2015	19,921.8	14,242.5	34,164.3	268.5	299.5	568.1

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
July 2016	254.4	-	254.4	2,298.5	-	2,298.5
June 2016	260.7	-	260.7	2,399.9	-	2,399.9
July 2015	240.8	-	240.8	2,247.9	-	2,247.9
North Dakota						
July 2016	128.7	-	128.7	1,188.5	-	1,188.5
June 2016	128.4	-	128.4	1,231.7	-	1,231.7
July 2015	123.9	-	123.9	1,316.5	-	1,316.5
Ohio						
July 2016	935.2	-	935.2	13,164.7	-	13,164.7
June 2016	955.8	-	955.8	13,505.0	-	13,505.0
July 2015	951.4	-	951.4	13,628.1	-	13,628.1
Oklahoma						
July 2016	486.3	-	486.3	5,831.1	-	5,831.1
June 2016	482.6	-	482.6	5,778.9	-	5,778.9
July 2015	439.3	-	439.3	5,455.6	-	5,455.6
South Dakota						
July 2016	139.3	-	139.3	1,327.7	-	1,327.7
June 2016	139.7	-	139.7	1,366.6	-	1,366.6
July 2015	162.7	-	162.7	1,375.5	-	1,375.5
Tennessee						
July 2016	912.0	-	912.0	9,814.5	-	9,814.5
June 2016	926.0	-	926.0	9,557.5	-	9,557.5
July 2015	858.5	-	858.5	9,451.5	-	9,451.5
Wisconsin						
July 2016	508.2	177.6	685.8	5,703.1	2,146.3	7,849.4
June 2016	496.3	179.1	675.4	5,710.8	2,209.4	7,920.2
July 2015	516.3	178.5	694.8	5,814.1	2,114.9	7,929.0
PAD District 3						
July 2016	4,311.4	2,113.0	6,424.4	49,402.8	17,301.9	66,704.6
June 2016	4,257.2	2,115.4	6,372.6	50,542.3	17,699.3	68,241.7
July 2015	3,889.3	1,946.6	5,835.9	47,584.8	16,488.6	64,073.3
Alabama						
July 2016	556.1	-	556.1	6,879.4	-	6,879.4
June 2016	563.8	-	563.8	6,957.5	-	6,957.5
July 2015	532.6	-	532.6	6,637.3	-	6,637.3
Arkansas						
July 2016	306.3	-	306.3	4,088.9	-	4,088.9
June 2016	293.0	-	293.0	4,141.8	-	4,141.8
July 2015	272.5	-	272.5	4,066.3	-	4,066.3
Louisiana						
July 2016	553.3	-	553.3	7,617.5	-	7,617.5
June 2016	544.7	-	544.7	7,495.0	-	7,495.0
July 2015	530.6	-	530.6	7,497.0	-	7,497.0
Mississippi						
July 2016	571.8	-	571.8	5,284.7	-	5,284.7
June 2016	548.0	-	548.0	5,479.3	-	5,479.3
July 2015	458.5	-	458.5	4,659.1	-	4,659.1
New Mexico						
July 2016	339.5	-	339.5	2,891.7	-	2,891.7
June 2016	322.4	-	322.4	2,829.4	-	2,829.4
July 2015	306.7	-	306.7	2,746.3	-	2,746.3
Texas						
July 2016	1,984.4	2,113.0	4,097.4	22,640.5	17,301.9	39,942.3
June 2016	1,985.4	2,115.4	4,100.9	23,639.4	17,699.3	41,338.6
July 2015	1,788.3	1,946.6	3,735.0	21,978.6	16,488.6	38,467.3

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
July 2016	12,880.6	-	12,880.6	369.9	-	369.9
June 2016	12,526.7	-	12,526.7	358.5	-	358.5
July 2015	12,769.9	-	12,769.9	377.1	-	377.1
Colorado						
July 2016	5,254.1	-	5,254.1	155.6	-	155.6
June 2016	4,903.8	-	4,903.8	151.4	-	151.4
July 2015	5,011.8	-	5,011.8	150.8	-	150.8
Idaho						
July 2016	1,821.7	-	1,821.7	29.8	-	29.8
June 2016	1,795.2	-	1,795.2	28.8	-	28.8
July 2015	1,864.3	-	1,864.3	40.4	-	40.4
Montana						
July 2016	1,937.7	-	1,937.7	89.0	-	89.0
June 2016	1,897.7	-	1,897.7	85.4	-	85.4
July 2015	2,006.4	-	2,006.4	91.1	-	91.1
Utah						
July 2016	2,927.9	-	2,927.9	69.2	-	69.2
June 2016	3,022.8	-	3,022.8	65.7	-	65.7
July 2015	2,930.3	-	2,930.3	57.3	-	57.3
Wyoming						
July 2016	939.1	-	939.1	26.4	-	26.4
June 2016	907.2	-	907.2	27.2	-	27.2
July 2015	957.1	-	957.1	37.5	-	37.5
PAD District 5						
July 2016	17,740.9	35,496.8	53,237.8	418.2	1,161.1	1,579.3
June 2016	17,868.3	35,611.1	53,479.3	402.5	1,168.9	1,571.4
July 2015	17,150.3	34,541.3	51,691.6	406.0	1,070.3	1,476.3
Alaska						
July 2016	733.4	-	733.4	W	-	W
June 2016	732.7	-	732.7	17.4	-	17.4
July 2015	641.3	-	641.3	NA	-	NA
Arizona						
July 2016	W	W	6,936.1	W	W	161.5
June 2016	2,697.0	4,295.8	6,992.7	59.8	99.3	159.0
July 2015	W	W	6,626.6	58.8	92.1	150.9
California						
July 2016	-	31,245.6	31,245.6	-	W	1,060.0
June 2016	-	31,315.3	31,315.3	-	1,069.7	1,069.7
July 2015	-	30,341.5	30,341.5	-	978.2	978.2
Hawaii						
July 2016	978.6	-	978.6	W	-	W
June 2016	962.3	-	962.3	70.7	-	70.7
July 2015	972.8	-	972.8	85.9	-	85.9
Nevada						
July 2016	W	W	2,574.6	102.7	-	102.7
June 2016	2,506.7	-	2,506.7	99.3	-	99.3
July 2015	W	W	2,424.5	88.1	-	88.1
Oregon						
July 2016	4,290.5	-	4,290.5	43.3	-	43.3
June 2016	4,349.0	-	4,349.0	40.2	-	40.2
July 2015	4,084.6	-	4,084.6	43.8	-	43.8
Washington						
July 2016	6,478.9	-	6,478.9	116.2	-	116.2
June 2016	6,620.7	-	6,620.7	115.2	-	115.2
July 2015	6,600.2	-	6,600.2	119.7	-	119.7

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
July 2016	2,810.6	-	2,810.6	16,061.1	-	16,061.1
June 2016	2,664.1	-	2,664.1	15,549.3	-	15,549.3
July 2015	2,574.3	-	2,574.3	15,721.3	-	15,721.3
Colorado						
July 2016	1,118.6	-	1,118.6	6,528.4	-	6,528.4
June 2016	1,031.1	-	1,031.1	6,086.3	-	6,086.3
July 2015	1,019.3	-	1,019.3	6,181.9	-	6,181.9
Idaho						
July 2016	318.4	-	318.4	2,169.9	-	2,169.9
June 2016	297.9	-	297.9	2,121.8	-	2,121.8
July 2015	292.6	-	292.6	2,197.2	-	2,197.2
Montana						
July 2016	385.9	-	385.9	2,412.6	-	2,412.6
June 2016	376.4	-	376.4	2,359.5	-	2,359.5
July 2015	385.8	-	385.8	2,483.4	-	2,483.4
Utah						
July 2016	793.8	-	793.8	3,790.9	-	3,790.9
June 2016	777.1	-	777.1	3,865.7	-	3,865.7
July 2015	686.2	-	686.2	3,673.7	-	3,673.7
Wyoming						
July 2016	193.9	-	193.9	1,159.4	-	1,159.4
June 2016	181.6	-	181.6	1,115.9	-	1,115.9
July 2015	190.4	-	190.4	1,185.0	-	1,185.0
PAD District 5						
July 2016	3,211.9	9,077.5	12,289.4	21,370.9	45,735.5	67,106.5
June 2016	3,165.8	9,147.0	12,312.8	21,436.5	45,927.0	67,363.6
July 2015	2,815.8	7,978.3	10,794.1	20,372.0	43,589.8	63,961.8
Alaska						
July 2016	W	-	W	829.1	-	829.1
June 2016	79.8	-	79.8	829.8	-	829.8
July 2015	63.4	-	63.4	714.3	-	714.3
Arizona						
July 2016	W	W	936.1	W	W	8,033.7
June 2016	350.3	627.3	977.6	3,107.1	5,022.3	8,129.4
July 2015	W	W	832.9	W	W	7,610.4
California						
July 2016	-	W	8,501.1	-	40,806.6	40,806.6
June 2016	-	8,519.8	8,519.8	-	40,904.6	40,904.6
July 2015	-	7,437.2	7,437.2	-	38,757.0	38,757.0
Hawaii						
July 2016	W	-	W	1,314.6	-	1,314.6
June 2016	260.6	-	260.6	1,293.6	-	1,293.6
July 2015	231.9	-	231.9	1,290.5	-	1,290.5
Nevada						
July 2016	W	W	638.4	W	W	3,315.6
June 2016	613.5	-	613.5	3,219.5	-	3,219.5
July 2015	W	W	536.8	W	W	3,049.5
Oregon						
July 2016	606.9	-	606.9	4,940.7	-	4,940.7
June 2016	597.6	-	597.6	4,986.7	-	4,986.7
July 2015	503.6	-	503.6	4,632.1	-	4,632.1
Washington						
July 2016	1,270.7	-	1,270.7	7,865.9	-	7,865.9
June 2016	1,264.0	-	1,264.0	7,999.8	-	7,999.8
July 2015	1,188.2	-	1,188.2	7,908.1	-	7,908.1

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
United States							
July 2016	499.8	60,530.3	36.9	19,120.8	1,379.2	8,793.1	10,172.3
June 2016	485.7	60,850.8	40.6	22,635.8	1,405.6	10,291.7	11,697.3
July 2015	636.5	64,611.6	43.1	25,044.8	1,919.8	9,207.7	11,127.5
PAD District 1							
July 2016	147.7	15,684.3	W	3,692.1	W	W	3,390.7
June 2016	150.4	14,757.4	W	4,184.3	W	W	3,423.0
July 2015	149.9	15,792.3	W	4,064.4	W	W	4,284.5
Subdistrict 1A							
July 2016	22.9	1,702.3	W	673.5	W	W	50.3
June 2016	22.1	1,647.3	W	843.3	W	W	98.0
July 2015	24.8	1,191.4	W	663.7	W	W	56.8
Connecticut							
July 2016	3.5	165.9	-	76.6	W	-	W
June 2016	2.2	159.3	-	97.1	W	-	W
July 2015	3.3	153.8	-	74.7	W	-	W
Maine							
July 2016	W	145.5	W	185.0	W	W	11.6
June 2016	4.3	147.4	W	205.3	W	W	18.7
July 2015	4.4	117.7	W	142.1	W	W	11.3
Massachusetts							
July 2016	9.7	1,229.3	W	168.9	W	W	27.0
June 2016	10.1	1,177.0	W	206.4	W	W	60.9
July 2015	11.2	770.8	W	180.9	W	W	32.3
New Hampshire							
July 2016	2.6	53.5	-	147.9	W	W	W
June 2016	W	52.6	W	205.5	W	W	W
July 2015	3.2	44.9	W	164.4	W	W	W
Rhode Island							
July 2016	1.8	76.5	W	18.7	W	W	W
June 2016	W	74.9	W	20.5	W	-	W
July 2015	W	78.5	-	14.9	W	W	W
Vermont							
July 2016	W	31.7	W	76.4	W	-	W
June 2016	W	36.2	W	108.5	W	-	W
July 2015	W	25.6	W	86.7	W	-	W
Subdistrict 1B							
July 2016	34.2	8,829.1	W	1,306.7	310.4	2,135.1	2,445.5
June 2016	33.5	8,429.9	W	1,587.4	257.2	2,249.3	2,506.5
July 2015	36.9	8,852.1	W	1,637.1	911.1	2,209.1	3,120.2
Delaware							
July 2016	1.6	W	-	W	W	W	25.3
June 2016	1.2	W	-	W	W	W	W
July 2015	1.9	W	-	W	W	W	W
District of Columbia							
July 2016	-	W	-	W	-	-	-
June 2016	-	W	-	W	-	-	-
July 2015	-	W	-	W	-	-	-
Maryland							
July 2016	4.5	136.0	-	139.3	-	-	-
June 2016	5.2	136.0	-	153.8	-	W	W
July 2015	5.2	266.8	-	175.9	-	W	W
New Jersey							
July 2016	6.5	3,867.1	-	134.4	W	W	1,381.8
June 2016	7.7	3,797.1	-	169.9	W	W	1,686.2
July 2015	8.2	4,143.5	-	175.1	W	W	1,704.8
New York							
July 2016	11.3	3,851.7	W	443.4	W	W	934.5
June 2016	9.4	3,690.1	W	545.8	W	W	661.2
July 2015	12.2	3,636.8	W	526.5	W	W	1,022.4
Pennsylvania							
July 2016	10.2	960.9	-	486.9	W	W	103.9
June 2016	10.1	795.5	-	612.4	W	W	144.2
July 2015	9.4	790.4	-	647.8	W	W	374.7

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
Subdistrict 1C							
July 2016	90.7	5,152.9	-	1,711.8	W	W	894.8
June 2016	94.8	4,680.1	-	1,753.6	W	W	818.5
July 2015	88.2	5,748.8	-	1,763.5	1.6	1,105.9	1,107.5
Florida							
July 2016	49.5	2,894.7	-	395.7	W	W	605.6
June 2016	52.0	2,584.8	-	481.1	W	W	497.7
July 2015	43.2	3,480.7	-	388.2	-	540.8	540.8
Georgia							
July 2016	13.8	428.6	-	263.7	-	W	W
June 2016	13.7	417.7	-	251.7	-	W	W
July 2015	15.7	398.1	-	314.4	W	W	190.8
North Carolina							
July 2016	12.3	332.0	-	426.7	-	W	W
June 2016	11.3	238.7	-	356.7	-	W	W
July 2015	11.5	363.7	-	470.9	-	W	W
South Carolina							
July 2016	W	222.2	-	250.6	-	W	W
June 2016	7.5	228.9	-	253.1	-	W	W
July 2015	7.9	274.9	-	270.8	W	W	W
Virginia							
July 2016	8.6	1,253.7	-	237.2	-	W	W
June 2016	8.8	1,183.7	-	273.2	-	W	W
July 2015	8.6	1,207.5	-	255.4	W	W	W
West Virginia							
July 2016	W	21.6	-	138.0	-	-	-
June 2016	1.5	26.3	-	137.8	-	-	-
July 2015	1.3	24.0	-	63.8	-	-	-
PAD District 2							
July 2016	137.5	10,727.5	W	4,258.5	-	W	W
June 2016	117.1	10,848.3	W	4,459.9	-	W	W
July 2015	144.0	11,024.9	W	5,850.1	-	W	W
Illinois							
July 2016	11.7	3,058.2	-	522.2	-	-	-
June 2016	10.9	3,082.9	-	639.0	-	W	W
July 2015	15.9	3,051.2	-	794.6	-	-	-
Indiana							
July 2016	9.0	1,078.3	-	304.6	-	W	W
June 2016	8.4	932.1	-	303.4	-	W	W
July 2015	10.5	887.0	-	402.0	-	W	W
Iowa							
July 2016	9.1	120.2	-	288.5	-	-	-
June 2016	5.7	103.9	-	314.1	-	-	-
July 2015	12.3	130.5	-	430.8	-	-	-
Kansas							
July 2016	7.7	147.2	-	310.2	-	-	-
June 2016	7.9	160.0	-	378.3	-	-	-
July 2015	10.0	182.7	-	641.4	-	-	-
Kentucky							
July 2016	5.0	1,051.4	W	168.0	-	W	W
June 2016	3.8	1,190.9	W	145.1	-	W	W
July 2015	3.0	1,087.5	W	232.2	-	W	W
Michigan							
July 2016	12.8	437.7	-	422.5	-	W	W
June 2016	11.1	419.4	-	477.4	-	W	W
July 2015	12.8	457.0	-	490.8	-	W	W
Minnesota							
July 2016	11.9	544.8	-	394.1	-	W	W
June 2016	10.7	563.9	-	381.6	-	-	-
July 2015	13.7	603.4	-	500.7	-	W	W
Missouri							
July 2016	9.0	293.3	-	278.9	-	-	-
June 2016	9.3	295.1	-	259.1	-	-	-
July 2015	8.9	344.3	-	383.2	-	-	-

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 2 (cont.)							
Nebraska							
July 2016	7.6	149.6	-	174.9	-	-	-
June 2016	5.0	151.1	-	160.4	-	-	-
July 2015	7.1	126.0	-	205.7	-	-	-
North Dakota							
July 2016	5.7	87.0	-	299.0	-	-	-
June 2016	4.8	90.9	-	275.4	-	-	-
July 2015	6.8	107.2	-	316.0	-	W	W
Ohio							
July 2016	15.5	1,203.1	-	351.6	-	-	-
June 2016	10.2	1,247.8	-	335.7	-	W	W
July 2015	7.7	1,442.7	-	406.0	-	-	-
Oklahoma							
July 2016	6.5	930.5	-	102.0	-	-	-
June 2016	6.0	1,010.5	-	98.4	-	-	-
July 2015	7.1	1,030.3	-	184.8	-	-	-
South Dakota							
July 2016	4.1	125.8	-	80.5	-	W	W
June 2016	4.4	125.8	-	84.7	-	W	W
July 2015	4.4	115.0	-	108.1	-	W	W
Tennessee							
July 2016	5.8	1,318.1	-	158.3	-	-	-
June 2016	11.9	1,279.3	-	186.2	-	-	-
July 2015	7.4	1,260.2	-	204.8	-	W	W
Wisconsin							
July 2016	15.9	182.3	-	403.3	-	W	W
June 2016	7.1	194.7	-	421.3	-	W	W
July 2015	16.2	199.9	-	548.9	-	W	W
PAD District 3							
July 2016	73.6	12,857.8	-	8,469.7	W	W	2,616.7
June 2016	75.1	14,256.4	-	10,945.9	W	W	3,213.1
July 2015	82.5	15,132.0	-	12,494.4	W	W	2,161.9
Alabama							
July 2016	7.4	290.0	-	116.7	-	W	W
June 2016	6.4	261.8	-	129.4	W	95.2	W
July 2015	8.3	295.2	-	152.1	W	W	108.9
Arkansas							
July 2016	6.7	178.9	-	92.3	-	-	-
June 2016	4.8	230.3	-	91.7	-	-	-
July 2015	6.8	160.9	-	113.7	W	-	W
Louisiana							
July 2016	6.3	2,857.8	-	1,376.7	-	641.7	641.7
June 2016	6.9	3,440.2	-	1,601.2	-	729.8	729.8
July 2015	8.8	3,965.4	-	2,386.9	-	474.8	474.8
Mississippi							
July 2016	5.5	1,012.7	-	220.6	-	W	W
June 2016	4.8	2,156.3	-	192.1	-	W	W
July 2015	5.0	832.5	-	163.0	W	W	W
New Mexico							
July 2016	4.2	119.9	-	98.9	-	-	-
June 2016	5.4	147.3	-	107.6	-	-	-
July 2015	4.7	134.2	-	117.6	-	-	-
Texas							
July 2016	43.5	8,398.4	-	6,564.5	W	W	1,880.7
June 2016	46.8	8,020.5	-	8,823.8	W	W	2,271.9
July 2015	48.9	9,744.0	-	9,561.1	W	W	1,478.3

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
July 2016	36.4	2,090.6	W	728.9	W	-	W
June 2016	39.7	1,959.2	W	830.6	W	-	W
July 2015	38.6	2,011.7	W	846.6	W	-	W
Colorado							
July 2016	11.0	974.7	-	194.0	-	-	-
June 2016	12.8	934.1	-	218.2	-	-	-
July 2015	11.9	1,028.9	-	261.7	-	-	-
Idaho							
July 2016	7.2	136.5	-	72.3	-	-	-
June 2016	8.2	109.5	-	62.2	-	-	-
July 2015	8.3	126.4	-	58.5	-	-	-
Montana							
July 2016	8.6	144.0	-	161.5	-	-	-
June 2016	7.8	102.0	-	187.8	-	-	-
July 2015	7.0	136.5	-	172.0	-	-	-
Utah							
July 2016	6.5	764.2	W	96.6	-	-	-
June 2016	8.1	760.9	W	100.2	-	-	-
July 2015	8.6	654.7	W	119.2	-	-	-
Wyoming							
July 2016	3.0	71.2	-	204.4	W	-	W
June 2016	2.8	52.8	-	262.2	W	-	W
July 2015	2.8	65.3	-	235.2	W	-	W
PAD District 5							
July 2016	104.7	19,170.3	-	1,971.6	936.4	3,136.8	4,073.1
June 2016	103.5	19,029.6	-	2,215.1	857.7	4,110.9	4,968.6
July 2015	221.5	20,650.6	-	1,789.4	725.4	3,788.2	4,513.6
Alaska							
July 2016	W	1,840.8	-	W	-	-	-
June 2016	W	1,996.9	-	W	-	-	-
July 2015	W	1,937.5	-	W	-	-	-
Arizona							
July 2016	12.5	325.4	-	280.9	-	-	-
June 2016	17.3	391.9	-	316.0	-	-	-
July 2015	17.2	371.6	-	141.5	-	-	-
California							
July 2016	55.6	12,329.8	-	1,016.2	W	W	2,008.5
June 2016	46.5	11,681.4	-	1,165.1	W	W	2,822.0
July 2015	164.0	13,455.5	-	1,079.2	W	W	2,690.4
Hawaii							
July 2016	W	1,131.0	-	W	W	W	1,079.5
June 2016	W	1,424.9	-	W	W	W	W
July 2015	W	1,436.8	-	W	W	NA	W
Nevada							
July 2016	W	608.9	-	44.5	-	-	-
June 2016	W	591.8	-	64.1	-	-	-
July 2015	W	555.9	-	57.7	-	-	-
Oregon							
July 2016	13.5	539.3	-	123.4	-	-	-
June 2016	15.5	602.2	-	131.8	-	-	-
July 2015	15.3	636.5	-	107.7	-	W	W
Washington							
July 2016	12.8	2,395.0	-	472.5	-	985.0	985.0
June 2016	14.1	2,340.6	-	493.1	-	W	W
July 2015	16.2	2,256.9	-	365.2	-	931.3	931.3

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state
thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
United States								
July 2016	625.0	233.7	2,201.0	145,737.0	80.0	1,325.5	149,343.5	150,239.0
June 2016	621.6	199.3	2,791.0	155,752.0	66.5	798.7	159,408.2	160,269.7
July 2015	875.6	372.5	2,766.7	155,989.2	34.1	1,182.4	159,972.5	161,263.5
PAD District 1								
July 2016	66.6	W	1,952.8	35,995.0	-	243.9	38,191.6	38,309.1
June 2016	42.7	W	2,680.8	39,216.5	W	W	42,108.0	42,200.3
July 2015	123.3	W	2,304.6	37,425.5	W	W	39,966.1	40,138.3
Subdistrict 1A								
July 2016	W	W	796.8	W	-	W	4,085.4	4,101.1
June 2016	W	W	1,128.5	W	-	W	4,773.2	4,793.0
July 2015	15.6	W	1,031.5	W	-	W	4,650.0	4,674.6
Connecticut								
July 2016	W	W	195.5	749.5	-	-	945.0	947.4
June 2016	W	W	277.0	845.2	-	-	1,122.2	1,125.5
July 2015	W	W	240.7	823.9	-	-	1,064.6	1,066.6
Maine								
July 2016	5.3	W	155.5	W	-	W	755.9	762.1
June 2016	8.4	W	235.5	W	-	W	891.0	900.6
July 2015	10.1	W	229.5	W	-	W	887.7	900.0
Massachusetts								
July 2016	W	W	206.9	W	-	W	1,336.6	1,340.0
June 2016	W	W	264.2	W	-	W	1,489.3	1,490.7
July 2015	W	-	252.2	W	-	W	1,421.6	1,425.3
New Hampshire								
July 2016	W	W	92.3	305.9	-	-	398.2	399.6
June 2016	1.1	W	139.1	343.0	-	-	482.1	484.6
July 2015	3.4	W	119.6	369.7	-	-	489.3	493.2
Rhode Island								
July 2016	W	W	80.8	NA	-	-	387.6	388.1
June 2016	W	W	125.8	NA	-	-	485.4	485.9
July 2015	-	W	121.1	W	-	-	W	489.5
Vermont								
July 2016	0.4	W	65.8	196.3	-	-	262.1	263.9
June 2016	0.7	W	86.9	216.3	-	-	303.2	305.6
July 2015	0.8	W	68.4	W	-	-	W	300.1
Subdistrict 1B								
July 2016	50.6	W	1,147.2	12,441.6	-	171.3	13,760.2	13,838.0
June 2016	24.8	W	1,539.1	W	W	125.1	14,966.4	15,024.7
July 2015	W	4.8	1,261.5	W	W	168.5	14,675.9	14,807.0
Delaware								
July 2016	W	-	W	219.9	-	W	W	236.5
June 2016	W	-	W	257.9	-	W	W	280.1
July 2015	-	-	W	255.0	-	W	272.7	272.7
District of Columbia								
July 2016	-	-	W	W	-	-	45.5	45.5
June 2016	-	-	W	W	-	-	45.2	45.2
July 2015	-	-	W	W	-	-	47.9	47.9
Maryland								
July 2016	W	-	66.4	1,595.3	-	W	W	1,664.0
June 2016	W	-	95.5	1,666.9	-	W	W	1,763.6
July 2015	W	-	80.1	1,637.5	-	W	W	1,723.4
New Jersey								
July 2016	W	-	277.3	3,000.0	-	W	W	3,320.5
June 2016	W	-	458.3	3,057.5	W	W	W	3,555.9
July 2015	W	-	105.9	3,055.3	W	W	W	3,255.3
New York								
July 2016	30.2	W	523.2	W	-	W	3,548.5	3,605.2
June 2016	17.8	W	641.3	W	-	W	4,042.3	4,093.0
July 2015	57.7	W	573.2	W	-	W	3,724.4	3,817.1
Pennsylvania								
July 2016	W	W	267.7	W	-	W	4,947.0	4,966.4
June 2016	W	W	323.6	W	-	W	5,280.3	5,286.9
July 2015	W	W	488.1	W	-	W	5,687.1	5,690.6

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
Subdistrict 1C								
July 2016	W	W	8.7	W	-	W	20,346.1	20,370.0
June 2016	W	W	13.2	W	-	W	22,368.4	22,382.6
July 2015	W	W	11.5	20,579.8	W	W	20,640.3	20,656.6
Florida								
July 2016	W	-	-	5,725.5	-	W	W	5,776.9
June 2016	W	-	-	6,214.2	-	W	W	6,260.1
July 2015	-	W	-	5,524.2	W	W	W	5,568.7
Georgia								
July 2016	W	W	-	W	-	W	4,480.8	4,481.9
June 2016	W	W	-	W	-	W	4,939.1	4,940.4
July 2015	W	W	-	W	-	W	4,526.9	4,527.5
North Carolina								
July 2016	W	W	W	W	-	-	3,440.0	3,443.7
June 2016	W	-	W	3,728.3	-	-	W	3,736.3
July 2015	W	W	W	W	-	-	3,559.3	3,568.3
South Carolina								
July 2016	W	-	-	2,529.2	-	W	W	2,531.6
June 2016	W	-	-	2,833.1	-	W	W	2,845.1
July 2015	W	-	-	W	-	-	W	2,395.6
Virginia								
July 2016	W	W	W	3,234.9	-	W	3,243.1	3,260.2
June 2016	W	W	W	3,595.2	-	W	3,602.3	3,611.5
July 2015	W	-	5.2	3,445.9	-	W	W	3,458.3
West Virginia								
July 2016	W	W	W	W	-	-	W	875.6
June 2016	W	W	2.5	W	-	-	988.2	989.1
July 2015	W	W	W	1,135.3	-	-	1,136.7	1,138.4
PAD District 2								
July 2016	W	70.5	62.2	W	W	-	45,497.8	45,592.3
June 2016	W	58.8	74.4	W	W	-	50,793.1	50,871.1
July 2015	W	69.7	57.4	49,802.6	W	W	49,862.5	49,965.1
Illinois								
July 2016	0.7	4.6	-	5,264.8	-	-	5,264.8	5,270.2
June 2016	0.6	4.8	-	5,936.8	-	-	5,936.8	5,942.2
July 2015	W	W	-	5,710.4	-	-	5,710.4	5,717.3
Indiana								
July 2016	W	W	-	4,174.2	-	-	4,174.2	4,177.9
June 2016	W	W	-	4,667.3	-	-	4,667.3	4,670.0
July 2015	W	W	W	W	-	-	4,792.9	4,798.6
Iowa								
July 2016	W	W	W	W	-	-	2,385.8	2,389.8
June 2016	W	W	W	W	-	-	2,868.9	2,873.9
July 2015	1.2	11.9	W	W	-	-	2,549.2	2,562.3
Kansas								
July 2016	W	W	-	2,621.8	-	-	2,621.8	2,634.5
June 2016	W	W	-	3,263.1	-	-	3,263.1	3,272.5
July 2015	W	W	-	2,929.5	-	-	2,929.5	2,939.7
Kentucky								
July 2016	3.5	W	W	W	-	-	2,396.6	2,407.8
June 2016	W	W	W	W	-	-	2,718.9	2,727.2
July 2015	2.2	W	W	W	-	-	2,601.9	2,611.0
Michigan								
July 2016	W	W	-	3,046.1	-	-	3,046.1	3,052.9
June 2016	W	W	W	W	-	-	3,349.2	3,356.1
July 2015	W	W	W	W	-	-	3,108.8	3,115.8
Minnesota								
July 2016	2.5	10.9	W	W	-	-	2,323.4	2,336.9
June 2016	W	W	W	W	-	-	2,670.2	2,680.2
July 2015	3.3	15.6	W	2,657.2	-	W	2,660.0	2,678.9
Missouri								
July 2016	W	W	W	W	-	-	3,266.3	3,268.3
June 2016	W	W	W	W	-	-	3,831.6	3,833.2
July 2015	W	W	-	3,309.0	-	-	3,309.0	3,309.4

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 2 (cont.)								
Nebraska								
July 2016	-	1.5	W	W	-	-	2,260.3	2,261.7
June 2016	-	1.0	W	W	-	-	2,399.0	2,400.0
July 2015	-	1.5	-	2,300.5	-	-	2,300.5	2,302.0
North Dakota								
July 2016	W	W	W	W	-	-	1,718.4	1,729.1
June 2016	-	8.4	W	W	-	-	1,603.3	1,611.7
July 2015	W	W	W	W	-	-	2,019.4	2,028.2
Ohio								
July 2016	W	W	W	W	W	-	5,097.3	5,105.7
June 2016	W	W	W	5,482.7	W	-	5,485.2	5,494.0
July 2015	W	W	W	5,573.0	W	-	5,574.2	5,584.5
Oklahoma								
July 2016	W	W	W	W	-	-	4,107.2	4,111.2
June 2016	W	W	W	W	-	-	4,328.5	4,332.7
July 2015	W	W	-	4,937.5	-	-	4,937.5	4,941.8
South Dakota								
July 2016	-	4.1	W	W	-	-	848.7	852.8
June 2016	W	W	W	W	-	-	979.5	980.8
July 2015	-	W	W	W	-	-	W	935.2
Tennessee								
July 2016	W	W	-	3,324.3	-	-	3,324.3	3,326.1
June 2016	W	W	-	3,717.7	-	-	3,717.7	3,718.9
July 2015	W	-	-	W	-	-	W	3,513.6
Wisconsin								
July 2016	0.8	4.1	W	W	-	-	2,662.5	2,667.4
June 2016	1.3	2.5	W	W	-	-	2,974.0	2,977.7
July 2015	1.7	1.9	W	W	-	-	2,923.0	2,926.6
PAD District 3								
July 2016	W	W	W	33,947.8	W	286.0	34,447.0	34,980.3
June 2016	W	W	W	34,612.1	W	W	34,861.3	35,422.3
July 2015	W	W	375.2	37,801.0	W	W	38,398.1	39,116.5
Alabama								
July 2016	W	-	-	2,781.7	-	W	W	2,797.3
June 2016	W	-	-	W	-	W	W	3,118.1
July 2015	W	-	-	2,765.4	-	W	W	2,793.1
Arkansas								
July 2016	-	-	W	W	-	-	2,122.2	2,122.2
June 2016	-	-	W	W	-	-	2,246.0	2,246.0
July 2015	-	W	W	2,387.0	-	-	W	2,389.7
Louisiana								
July 2016	W	W	W	W	-	W	5,120.0	5,649.3
June 2016	W	W	-	5,101.6	-	W	W	5,718.4
July 2015	W	-	W	W	-	W	W	6,782.9
Mississippi								
July 2016	-	-	-	W	-	W	1,996.5	1,996.5
June 2016	-	-	-	W	-	W	2,218.4	2,218.4
July 2015	-	-	135.5	1,933.4	-	-	2,068.9	2,068.9
New Mexico								
July 2016	-	-	-	1,772.8	-	-	1,772.8	1,772.8
June 2016	-	-	-	1,894.5	-	-	1,894.5	1,894.5
July 2015	-	W	-	W	-	-	W	1,791.9
Texas								
July 2016	W	-	W	20,332.5	W	W	W	20,642.3
June 2016	W	W	-	20,054.3	W	W	20,225.3	20,226.9
July 2015	W	-	W	23,135.1	W	W	W	23,290.0

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene	
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate		
				Ultra-low sulfur	Low-sulfur	High-sulfur			
PAD District 4									
July 2016	-	W	W	W	-	-	8,626.9	8,642.7	
June 2016	W	9.4	W	W	-	-	9,120.6	9,130.4	
July 2015	W	28.8	W	W	-	-	9,114.9	9,143.9	
Colorado									
July 2016	-	5.9	-	2,365.4	-	-	2,365.4	2,371.2	
June 2016	-	W	-	W	-	-	W	2,442.9	
July 2015	-	4.3	-	2,343.5	-	-	2,343.5	2,347.7	
Idaho									
July 2016	-	W	W	W	-	-	W	1,342.0	
June 2016	-	1.3	W	W	-	-	1,461.9	1,463.2	
July 2015	-	1.3	W	W	-	-	1,287.9	1,289.2	
Montana									
July 2016	-	3.5	W	W	-	-	1,762.8	1,766.2	
June 2016	-	3.9	W	W	-	-	1,808.3	1,812.2	
July 2015	-	19.5	W	W	-	-	1,722.3	1,741.7	
Utah									
July 2016	-	W	W	W	-	-	1,739.0	1,742.3	
June 2016	W	W	W	W	-	-	1,948.3	1,950.0	
July 2015	W	2.5	W	W	-	-	2,047.9	2,050.7	
Wyoming									
July 2016	-	W	-	W	-	-	W	1,421.0	
June 2016	-	W	-	W	-	-	W	1,462.1	
July 2015	-	1.3	-	1,713.3	-	-	1,713.3	1,714.5	
PAD District 5									
July 2016	W	W	W	W	W	795.6	22,580.0	22,714.6	
June 2016	W	W	W	W	W	374.2	22,525.1	22,645.5	
July 2015	W	W	W	W	W	734.6	22,630.8	22,899.6	
Alaska									
July 2016	-	W	W	W	-	W	W	671.7	
June 2016	-	W	W	547.0	-	W	W	668.4	
July 2015	-	205.3	W	544.3	-	W	582.8	788.1	
Arizona									
July 2016	-	-	-	2,833.9	-	-	2,833.9	2,833.9	
June 2016	-	-	-	2,766.3	-	-	2,766.3	2,766.3	
July 2015	-	-	-	2,789.5	-	-	2,789.5	2,789.5	
California									
July 2016	W	W	-	W	-	W	11,475.0	11,514.5	
June 2016	W	W	-	W	-	W	11,194.4	11,233.1	
July 2015	W	W	-	11,299.1	W	W	11,595.9	11,632.2	
Hawaii									
July 2016	-	-	-	270.4	W	W	662.7	662.7	
June 2016	-	-	-	W	W	225.5	526.9	526.9	
July 2015	-	-	-	288.2	W	W	626.6	626.6	
Nevada									
July 2016	-	W	W	1,453.9	-	-	W	1,455.2	
June 2016	W	W	W	W	-	-	1,482.1	1,482.4	
July 2015	-	W	W	W	-	-	W	1,419.7	
Oregon									
July 2016	-	-	-	2,055.2	-	-	2,055.2	2,055.2	
June 2016	-	-	-	W	-	W	2,334.1	2,334.1	
July 2015	-	W	-	2,102.5	-	W	W	2,128.5	
Washington									
July 2016	-	W	-	3,409.6	-	W	W	3,521.4	
June 2016	-	W	W	3,541.7	-	W	W	3,634.3	
July 2015	-	1.7	-	W	-	W	3,513.4	3,515.1	

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."